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Specification For Instrument Cables

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1 INTRODUCTION

This specification covers the minimum technical requirements for instrumentation cable and telecommunications outside plant cable for the Refinery.

This document was developed based on INSTRUMENT CABLE SPECIFICATION (3550-8550-SP-0010) Rev D3. INSTRUMENT CABLE SPECIFICATION (3550-8550-SP-0010) is superseded by this document.

2 SCOPE

This specification defines requirements for instrument signal, fire, gas and power cabling between electric/electronic field instruments, junction boxes or local panels and process buildings and telecommunications cabling outside of buildings, it also specifies requirements for instrument cabling used inside process buildings. It is not applicable to the internal wiring of control panels or equipment cabinets and it is not applicable to system vendor supplied cabling for interconnecting system cabinets and other equipment. Use of cable types described will ensure that Package vendor supplied cabling conforms to overall Project specifications.

3 ABBREVIATIONS

Abbreviation	Description
AWG	American Wire Gauge
CCB	Central Control Building
CCR	Central Control Room
FEP	Fluorinated Ethylene - Propylene resin
FGS	Fire & Gas System
HDPE	High Density Polyethylene
IP	Ingress Protection
IRP	Interposing Relay Panel
I.S.	Intrinsically Safe
ISB	Instrument Satellite Building
ITU	International Telecommunications Union
LSZH	Low Smoke Zero Halogen
ML	Multi Layer
N.I.S.	Non Intrinsically Safe
NSRP	Nghi Son Refinery and Petrochemical
PCS	Process Control System
PE	Polyethylene
PVC	Poly Vinyl Chloride
RTD	Resistance Temperature Detectors
SIS	Safety Instrumented System

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Abbreviation	Description
SS	Stainless Steel
SWA	Steel Wire Armour
XLPE	Cross Linked Polyethylene

Table 1: Abbreviation

4 CODES AND STANDARDS

Cabling shall comply with the standards listed in this specification. In the case of a discrepancy between this specification and those listed below, this specification shall rule. However, Contractor shall clarify any discrepancies with the Employer. Where a cable is called for to conform 'in principle' to a particular specification, it means the cable shall comply with the specification for electrical, dimensional and testing purposes etc., but may differ in number of cores, or core colours etc. Any proposed deviations from this specification must be approved by the Employer. All standards are to latest amendment status unless specifically noted otherwise.

4.1 International Standards

Document Number	Title
BS 7430	Code of Practice for Earthing
BS 7671	Requirements for Electrical Installations
IEC 60079	Code of Practice for the Selection, Installation and Maintenance of Electrical Apparatus for use in Potentially Explosive Atmospheres
IEC 60331-21	Tests for Electric Cables Under Fire Conditions – Circuit Integrity
IEC 60332	Test on Electric and Optical Cables Under Fire Conditions
IEC 60502-1	Power cables with extruded insulation and their accessories for rated voltages
IEC 60529	Degree of Protection Provided by Enclosures
IEC 60584-1	Thermocouples - Reference Tables
IEC 60584-2	Thermocouples – Tolerances
IEC 60584-3	International Thermocouple Reference Tables. Extension and Compensating Cables. Tolerances and Identification System.
IEC 60751	Industrial Platinum Resistance Thermometer Sensors
IEC 60754	Test on Gases Evolved During Combustion of Materials from Cables - Part 1 Determination of the Amount of Halogen Acid Gas.
IEC 61000 Parts 1, 2, 3, 4, 5 & 6	Electromagnetic Compatibility
IEC 61034	Measurement of Smoke Density of Cables Burning Under Defined Conditions. Part 2 Test Procedures and Requirements.
ITU-T G652	Characteristics of a Single Mode Optical Fibre Cable
UL 1581 Section 1200	Reference Standard for Electrical Wires, Cables and Flexible Cords.
EN 50288-7	Multi-element metallic cables used in analogue and digital communication and control

Table 2: International Standards

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4.2 Project Specifications

Document Number	Title
3550-8820-IN-0003	Vietnamese National Codes and Standards
S-000-1220-0001V (3550-8820-SP-0001)	Basic Engineering Design Data
S-000-1386-0017V (3550-8541-SP-0059)	Telecoms Outside Plant System
S-000-1378-0004V (3550-8550-SP-0011)	Instrument Design & Installation Specification
S-000-1241-0002V	Passive Fire Protection Specification

Table 3: Project Philosophies, Standards, and Specifications

5 GENERAL

Cables included in this specification are suitable for use in an industrial process plant with a hazardous atmosphere, for installation above or below ground.

The installation will take place in areas defined by IEC 60079-10 and supplemented by the Institute of Petroleum Code (I.P. Code) as:

ZONE 0

ZONE 1

ZONE 2

Non-Hazardous

All cables shall be resistant to:

- Water
- Oil, in accordance with ICEA S-73-532
- Sunlight (UV), in accordance with UL 1581 section 1200.

All instrument cables shall be constructed to be gas/vapour tight and shall prevent transmission along length of cable.

All instrument cables shall be flame retardant as a minimum in accordance with the applicable tests in IEC 60332 Category C.

Pairs and triads within instrument multi-pair/triad cable shall be identified by the pair/triad number being printed continuously along the length of one core of the pair/triad.

Where cables are designated to be fire resistant, in addition to the requirements stated above:

- they shall retain circuit integrity for 90 minutes at 750°C or better in accordance with IEC 60331-21.
- they shall be low smoke, zero halogen type in accordance with IEC 60754 and IEC 61034.

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Refere to Passive Fire Protection Specification (S-000-1241-0002V) for Instrument Cable to be fire retardant.

Where instrument cables are required to be run underground in areas that may be contaminated by oil or chemicals they shall have an additional protective multi layer sheath consisting of Aluminium foil/HDPE/Polyamide.

If this sheath is not suitable for a particular contaminant then a lead alloy sheath may be used as an alternative with prior approval by Employer.

Where cables are to be used for intrinsically safe signals they shall have the following characteristics:

- Mutual capacitance shall be maximum 200nF/km
- Inductance shall be maximum 1mH/km
- L/R shall be maximum 30μH/Ω

6 INSTALLATION

6.1 Installation of Instrument and Telecommunications Cables

The installation of instrument cables is described in Project Specification S-000-1378-0004V "Instrument Design & Installation Specification".

The installation of telecommunications outside plant cables is described in Project Specification S-000-1386-0017V "Telecoms Outside Plant System".

7 INSTRUMENT SIGNAL GROUPS & CATEGORIES

Instrument signals shall be divided into the following groups and categories, each cable shall contain signals of one category only:

7.1 Group 1, Instrument Power and Control Wiring

Signal Category	Cable Outer Sheath Colour	Service
PA	Black	Instrument AC Power
PD	Black	Instrument DC Power

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7.2 Group 2, Instrument High Level Signal Wiring (5 to 50VDC)

Signal Category	Cable Outer Sheath Colour	Service
A	Black	Digital Alarm, Status & Control Signals (except SOV)
IA	Blue	Digital Alarm, Status & Control Signals (except SOV) – I.S.
AZ	Black	SIS Digital Alarm, Status & Control Signals (except SOV)
IAZ	Blue	SIS Digital Alarm, Status & Control Signals (except SOV) – I.S.
D	Black	Digital Frequency or Pulse Signals
ID	Blue	Digital Frequency or Pulse Signals – I.S.
L	Black	Analogue Signals
IL	Blue	Analogue Signals – I.S.
LZ	Black	SIS Analogue Signals
ILZ	Blue	SIS Analogue Signals – I.S.
S	Black	SOV (Solenoid Valve)
SZ	Black	SIS Solenoid Valve

7.3 Group 3, Instrument Low Level Signal Wiring (below 5VDC)

Signal Category	Cable Outer Sheath Colour	Service
TB	Green	Thermocouple Signals (Type B T/C)
TK	Green	Thermocouple Signals (Type K T/C)
TS	Orange	Thermocouple Signals (Type S T/C)
ITK	Green (*1	Thermocouple Signals (Type K T/C) – I.S.
R	Black	Resistance Thermometer Signals
IR	Black (*1	Resistance Thermometer Signal – I.S.

(*1 Apply Light Blue Band at Construction site. (Refer to Para 11.11)

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7.4 Group 4, Miscellaneous

Signal Category	Cable Outer Sheath Colour	Service
SE	Green/Yellow	Safety Earth
IE	Green	Instrument Earth
ISE	Yellow	Intrinsically Safe Earth
AF	Red	Fire System Digital Detection/Alarm Signals
IAF	Red/Blue	Fire System Digital Detection/Alarm Signals – I.S.
LF	Red	Fire System Analogue Detection Signals
ILF	Red/Blue	Fire System Analogue Detection Signals – I.S.
SF	Red	Fire System Solenoid Valve
AG	Red	Gas System Digital Detection/Alarm Signals
IAG	Red/Blue	Gas System Digital Detection/Alarm Signals – I.S.
LG	Red	Gas System Analogue Detection Signals
ILG	Red/Blue	Gas System Analogue Detection Signals – I.S.
SG	Red	Gas System Solenoid Valve
H	Purple	Data Highway/Serial Link

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8 CABLE TYPE CODES

8.1 Table 1 Conductor Groups

A	Core
B	Pair
C	Triad
D	Quad
F	Fibre Optic
TB	Thermocouple (Type B)
TK	Thermocouple (Type K)
TS	Thermocouple (Type S)

8.2 Table 2a Core Cable Construction

11	Single Core PVC
21	2 core (Red, Black) XLPE, PVC
22	2 core (Red, Black) XLPE, Bedding, SWA, PVC
24	2 core (Red, Black) XLPE, HDPE-ML Bedding, SWA, PVC
25	2 core (Red, Black) MICA/XLPE, LSZH Bedding, SWA, LSZH
26	2 core (Red, Black) MICA/XLPE, HDPE-ML/ LSZH Bedding, SWA, LSZH
41	2 core (White, Black) XLPE, PVC
42	2 core (White, Black) XLPE, Bedding, SWA, PVC
44	2 core (White, Black) XLPE, HDPE-ML Bedding, SWA, PVC
45	2 core (White, Black) MICA/XLPE, LSZH Bedding, SWA, LSZH
46	2 core (White, Black) MICA/XLPE, HDPE-ML/ LSZH Bedding, SWA, LSZH
101	Multicore (Black) XLPE, Bedding, PVC
102	Multicore (Black) XLPE, Bedding, SWA, PVC
104	Multicore (Black) XLPE, HDPE-ML Bedding, SWA, PVC

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8.3 Table 2b Pair, Triad, Quad, Thermocouple Cable Construction

11	PE, O/A SCN, PVC
12	PE, O/A SCN, PVC, SWA, PVC
13	PE, O/A SCN, HDPE-ML, SWA, PVC
15	PE, IND & O/A SCN, PVC
16	PE, IND & O/A SCN, PVC, SWA, PVC
17	PE, IND & O/A SCN, HDPE-ML, SWA, PVC
31	MICA/XLPE, O/A SCN, LSZH
32	MICA/XLPE, O/A SCN, LSZH, SWA, LSZH
33	MICA/XLPE, IND & O/A SCN, LSZH
34	MICA/XLPE, IND & O/A SCN, LSZH, SWA, LSZH
56	MICA/XLPE, O/A SCN, HDPE-ML/ LSZH, SWA, LSZH
57	MICA/XLPE, IND & O/A SCN, HDPE-ML/ LSZH, SWA, LSZH Foam PE, PE, O/A SCN, PE, LSZH
62	PE, O/A SCN, PVC, SWA, PVC (Max. 12.3 Ω/km, Max. 115 pF/m)
63	PE, O/A SCN, HDPE-ML, SWA, PVC (Max. 12.3 Ω/km, Max. 115 pF/m)
64	MICA/XLPE, O/A SCN, LSZH, SWA, LSZH (Max. 12.3 Ω/km, Max. 115 pF/m)
65	MICA/XLPE, O/A SCN, HDPE-ML/ LSZH, SWA, LSZH (Max. 12.3 Ω/km, Max. 115 pF/m)
66	Heat Resistant PVC, O/A SCN, Heat Resistant PVC, SWA, Flame Retardant & Heat Resistant PVC
67	FEP, O/A SCN, FEP, SWA, FEP
101	Foam PE, Jelly Fill PE, O/A SCN, PE, SWA, LSZH
102	Foam PE, Jelly Fill PE, O/A SCN, HDPE-ML, SWA, LSZH
104	Foam PE, O/A SCN, Tinned Copper, SWA, PVC

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8.4 Table 2c Fibre Optic Cable Construction

11	SM, Tape, PE
12	SM, PE, Tape, STA, PE
14	SM, PE, Tape, HDPE-ML, STA, PE
15	SM, MICA/XLPE, Tape, STA, LSZH (Vendor to advise)
16	SM, MICA/XLPE, Tape, HDPE-ML/ LSZH, STA, LSZH (Vendor to advise)
21	MM, Tape, PE
22	MM, PE, Tape, STA, PE
24	MM, PE, Tape, HDPE-ML, STA, PE
25	MM, MICA/XLPE, Tape, STA, LSZH (Vendor to advise)
26	MM, MICA/XLPE, Tape, HDPE-ML/ LSZH, STA, LSZH (Vendor to advise)

SWA/PVC also can be applied for Telecommunications Fibre Optic Fibre Optic in stead of STA/PE

8.5 Table 3 Conductor Size

A	0.25 mm ²
B	0.5 mm ²
C	0.75 mm ²
D	1.0mm ²
E	1.3 mm ²
F	1.5 mm ²
G	2.5 mm ²
H	4.0 mm ²
J	6.0 mm ²
K	10.0 mm ²
L	16.0 mm ²
M	25.0 mm ²
N	35.0 mm ²
P	50.0 mm ²
R	70.0 mm ²
U	24 AWG
V	22 AWG
W	20 AWG
X	10/125µm
Y	50/125µm
Z	62.5/125µm

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8.6 Table 4 Number of Groups

01, 02, 04, 05, 08, 12, 16, 24 etc.

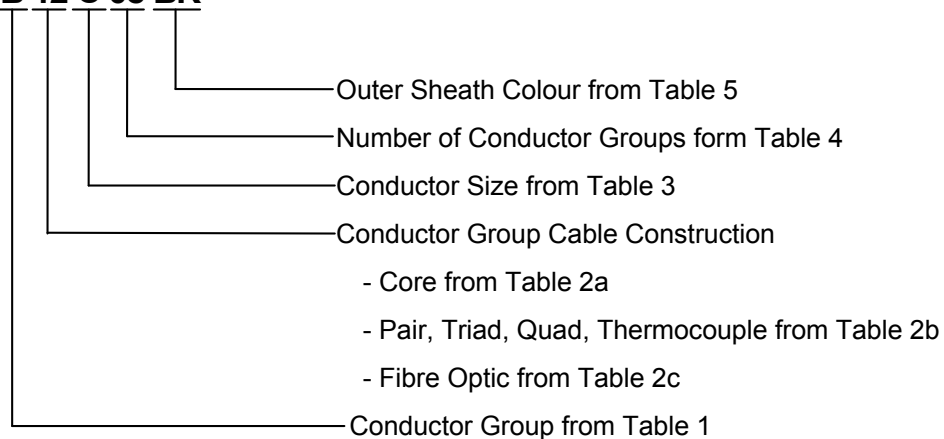
Number of groups of cores, pairs, triads, quads etc.

8.7 Table 5 Outer Sheath Colour

BK	Black
BL	Blue
GN	Green
OR	Orange
RD	Red
PL	Black with Purple Line
YG	Yellow/Green
YL	Yellow

8.8 Cable Type Code Example

B 12 C 08 BK



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9 CABLE SELECTION CHART

CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	Building
AC Power	PA	Black	2 Core (2.5mm ²)	A22G02BK	A22G02BK	A24G02BK	A21G02BK
			2 Core (4mm ²)	A22H02BK	A22H02BK	A24H02BK	A21H02BK
			2 Core (6mm ²)	A22J02BK	A22J02BK	A24J02BK	A21J02BK
			2 Core (10mm ²)	A22K02BK	A22K02BK	A24K02BK	A21K02BK
			2 Core (16mm ²)	A22L02BK	A22L02BK	A24L02BK	A21L02BK
			2 Core (25mm ²)	A22M02BK	A22M02BK	A24M02BK	A21M02BK
			2 Core (35mm ²)	A22N02BK	A22N02BK	A24N02BK	A21N02BK
			2 Core (50mm ²)	A22P02BK	A22P02BK	A24P02BK	A21P02BK
			2 Core (70mm ²)	A22R02BK	A22R02BK	A24R02BK	A21R02BK
AC Power Fire Resistant	PA	Black	2 Core (2.5mm ²)	A25G02BK	A25G02BK	A26G02BK	----
			2 Core (4mm ²)	A25H02BK	A25H02BK	A26H02BK	----
			2 Core (6mm ²)	A25J02BK	A25J02BK	A26J02BK	----
			2 Core (10mm ²)	A25K02BK	A25K02BK	A26K02BK	----
			2 Core (16mm ²)	A25L02BK	A25L02BK	A26L02BK	----
			2 Core (25mm ²)	A25M02BK	A25M02BK	A26M02BK	----
			2 Core (35mm ²)	A25N02BK	A25N02BK	A26N02BK	----
			2 Core (50mm ²)	A25P02BK	A25P02BK	A26P02BK	----
			2 Core (70mm ²)	A25R02BK	A25R02BK	A26R02BK	----
DC Power	PD	Black	2 Core (2.5mm ²)	A42G02BK	A42G02BK	A44G02BK	A41G02BK
			2 Core (4mm ²)	A42H02BK	A42H02BK	A44H02BK	A41H02BK
			2 Core (6mm ²)	A42J02BK	A42J02BK	A44J02BK	A41J02BK
			2 Core (10mm ²)	A42K02BK	A42K02BK	A44K02BK	A41K02BK
			2 Core (16mm ²)	A42L02BK	A42L02BK	A44L02BK	A41L02BK
			2 Core (25mm ²)	A42M02BK	A42M02BK	A44M02BK	A41M02BK
			2 Core (35mm ²)	A42N02BK	A42N02BK	A44N02BK	A41N02BK
			2 Core (50mm ²)	A42P02BK	A42P02BK	A44P02BK	A41P02BK
			2 Core (70mm ²)	A42R02BK	A42R02BK	A44R02BK	A41R02BK
DC Power Fire Resistance	PD	Black	2 Core (2.5mm ²)	A45G02BK	A45G02BK	A46G02BK	----
			2 Core (4mm ²)	A45H02BK	A45H02BK	A46H02BK	----
			2 Core (6mm ²)	A45J02BK	A45J02BK	A46J02BK	----
			2 Core (10mm ²)	A45K02BK	A45K02BK	A46K02BK	----
			2 Core (16mm ²)	A45L02BK	A45L02BK	A46L02BK	----
			2 Core (25mm ²)	A45M02BK	A45M02BK	A46M02BK	----
			2 Core (35mm ²)	A45N02BK	A45N02BK	A46N02BK	----
			2 Core (50mm ²)	A45P02BK	A45P02BK	A46P02BK	----
			2 Core (70mm ²)	A45R02BK	A45R02BK	A46R02BK	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Analogue Signals N.I.S.	L/LZ	Black	1 Pair (1.0mm ²)	B12D01BK	B12D01BK	B13D01BK	B11D01BK
			2 Pair (1.0mm ²)	B12D02BK	B12D02BK	B13D02BK	B11D02BK
			4 Pair (0.75mm ²)	B12C04BK	B12C04BK	B13C04BK	B11C04BK
			8 Pair (0.75mm ²)	B12C08BK	B12C08BK	B13C08BK	B11C08BK
			12 Pair (0.75mm ²)	B12C12BK	B12C12BK	B13C12BK	B11C12BK
			16 Pair (0.75mm ²)	B12C16BK	B12C16BK	B13C16BK	B11C16BK
			24 Pair (0.75mm ²)	B12C24BK	B12C24BK	B13C24BK	B11C24BK
			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B32D02BK	B32D02BK	B56D02BK	----
			4 Pair (0.75mm ²)	B32C04BK	B32C04BK	B56C04BK	----
			8 Pair (0.75mm ²)	B32C08BK	B32C08BK	B56C08BK	----
			12 Pair (0.75mm ²)	B32C12BK	B32C12BK	B56C12BK	----
			16 Pair (0.75mm ²)	B32C16BK	B32C16BK	B56C16BK	----
			24 Pair (0.75mm ²)	B32C24BK	B32C24BK	B56C24BK	----
Analogue Signals I.S. Fire Resistant	IL/ILZ	Blue	1 Pair (1.0mm ²)	B12D01BL	B12D01BL	B13D01BL	B11D01BL
			2 Pair (1.0mm ²)	B12D02BL	B12D02BL	B13D02BL	B11D02BL
			4 Pair (0.75mm ²)	B12C04BL	B12C04BL	B13C04BL	B11C04BL
			8 Pair (0.75mm ²)	B12C08BL	B12C08BL	B13C08BL	B11C08BL
			12 Pair (0.75mm ²)	B12C12BL	B12C12BL	B13C12BL	B11C12BL
			16 Pair (0.75mm ²)	B12C16BL	B12C16BL	B13C16BL	B11C16BL
			24 Pair (0.75mm ²)	B12C24BL	B12C24BL	B13C24BL	B11C24BL
			1 Pair (1.0mm ²)	B32D01BL	B32D01BL	B56D01BL	----
			2 Pair (1.0mm ²)	B32D02BL	B32D02BL	B56D02BL	----
			4 Pair (0.75mm ²)	B32C04BL	B32C04BL	B56C04BL	----
			8 Pair (0.75mm ²)	B32C08BL	B32C08BL	B56C08BL	----
			12 Pair (0.75mm ²)	B32C12BL	B32C12BL	B56C12BL	----
			16 Pair (0.75mm ²)	B32C16BL	B32C16BL	B56C16BL	----
			24 Pair (0.75mm ²)	B32C24BL	B32C24BL	B56C24BL	----
Low Level Analogue Signals N.I.S.	L/LZ	Black	1 Pair (1.0mm ²)	B12D01BK	B12D01BK	B13D01BK	B11D01BK
			2 Pair (1.0mm ²)	B16D02BK	B16D02BK	B17D02BK	B15D02BK
			4 Pair (0.75mm ²)	B16C04BK	B16C04BK	B17C04BK	B15C04BK
			8 Pair (0.75mm ²)	B16C08BK	B16C08BK	B17C08BK	B15C08BK
			12 Pair (0.75mm ²)	B16C12BK	B16C12BK	B17C12BK	B15C12BK
			16 Pair (0.75mm ²)	B16C16BK	B16C16BK	B17C16BK	B15C16BK
			24 Pair (0.75mm ²)	B16C24BK	B16C24BK	B17C24BK	B15C24BK

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Low Level Analogue Signals N.I.S. Fire Resistant			1 Triad (1.0mm ²)	C12D01BK	C12D01BK	C13D01BK	C11D01BK
			2 Triad (1.0mm ²)	C16D02BK	C16D02BK	C17D02BK	C15D02BK
			4 Triad (0.75mm ²)	C16C04BK	C16C04BK	C17C04BK	C15C04BK
			8 Triad (0.75mm ²)	C16C08BK	C16C08BK	C17C08BK	C15C08BK
			12 Triad (0.75mm ²)	C16C12BK	C16C12BK	C17C12BK	C15C12BK
			16 Triad (0.75mm ²)	C16C16BK	C16C16BK	C17C16BK	C15C16BK
			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B34D02BK	B34D02BK	B57D02BK	----
			4 Pair (0.75mm ²)	B34C04BK	B34C04BK	B57C04BK	----
			8 Pair (0.75mm ²)	B34C08BK	B34C08BK	B57C08BK	----
			12 Pair (0.75mm ²)	B34C12BK	B34C12BK	B57C12BK	----
			16 Pair (0.75mm ²)	B34C16BK	B34C16BK	B57C16BK	----
			24 Pair (0.75mm ²)	B34C24BK	B34C24BK	B57C24BK	----
			1 Triad (1.0mm ²)	C32D01BK	C32D01BK	C56D01BK	----
			2 Triad (1.0mm ²)	C34D02BK	C34D02BK	C57D02BK	----
			4 Triad (0.75mm ²)	C34C04BK	C34C04BK	C57C04BK	----
			8 Triad (0.75mm ²)	C34C08BK	C34C08BK	C57C08BK	----
			12 Triad (0.75mm ²)	C34C12BK	C34C12BK	C57C12BK	----
			16 Triad (0.75mm ²)	C34C16BK	C34C16BK	C57C16BK	----
Low Level Analogue Signals I.S.	IL/ILZ	Blue	1 Pair (1.0mm ²)	B12D01BL	B12D01BL	B13D01BL	B11D01BL
			2 Pair (1.0mm ²)	B16D02BL	B16D02BL	B17D02BL	B15D02BL
			4 Pair (0.75mm ²)	B16C04BL	B16C04BL	B17C04BL	B15C04BL
			8 Pair (0.75mm ²)	B16C08BL	B16C08BL	B17C08BL	B15C08BL
			12 Pair (0.75mm ²)	B16C12BL	B16C12BL	B17C12BL	B15C12BL
			16 Pair (0.75mm ²)	B16C16BL	B16C16BL	B17C16BL	B15C16BL
			24 Pair (0.75mm ²)	B16C24BL	B16C24BL	B17C24BL	B15C24BL
			1 Triad (1.0mm ²)	C12D01BL	C12D01BL	C13D01BL	C11D01BL
			2 Triad (1.0mm ²)	C16D02BL	C16D02BL	C17D02BL	C15D02BL
			4 Triad (0.75mm ²)	C16C04BL	C16C04BL	C17C04BL	C15C04BL
			8 Triad (0.75mm ²)	C16C08BL	C16C08BL	C17C08BL	C15C08BL
			12 Triad (0.75mm ²)	C16C12BL	C16C12BL	C17C12BL	C15C12BL
			16 Triad (0.75mm ²)	C16C16BL	C16C16BL	C17C16BL	C15C16BL
			1 Pair (1.0mm ²)	B32D01BL	B32D01BL	B56D01BL	----
			2 Pair (1.0mm ²)	B34D02BL	B34D02BL	B57D02BL	----
			4 Pair (0.75mm ²)	B34C04BL	B34C04BL	B57C04BL	----
			8 Pair (0.75mm ²)	B34C08BL	B34C08BL	B57C08BL	----
			12 Pair (0.75mm ²)	B34C12BL	B34C12BL	B57C12BL	----
			16 Pair (0.75mm ²)	B34C16BL	B34C16BL	B57C16BL	----
			24 Pair (0.75mm ²)	B34C24BL	B34C24BL	B57C24BL	----
Low Level Analogue Signals I.S. Fire Resistant			1 Pair (1.0mm ²)	B32D01BL	B32D01BL	B56D01BL	----
			2 Pair (1.0mm ²)	B34D02BL	B34D02BL	B57D02BL	----
			4 Pair (0.75mm ²)	B34C04BL	B34C04BL	B57C04BL	----
			8 Pair (0.75mm ²)	B34C08BL	B34C08BL	B57C08BL	----
			12 Pair (0.75mm ²)	B34C12BL	B34C12BL	B57C12BL	----
			16 Pair (0.75mm ²)	B34C16BL	B34C16BL	B57C16BL	----
			24 Pair (0.75mm ²)	B34C24BL	B34C24BL	B57C24BL	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
			1 Triad (1.0mm ²)	C32D01BL	C32D01BL	C56D01BL	----
			2 Triad (1.0mm ²)	C34D02BL	C34D02BL	C57D02BL	----
			4 Triad (0.75mm ²)	C34C04BL	C34C04BL	C57C04BL	----
			8 Triad (0.75mm ²)	C34C08BL	C34C08BL	C57C08BL	----
			12 Triad (0.75mm ²)	C34C12BL	C34C12BL	C57C12BL	----
			16 Triad (0.75mm ²)	C34C16BL	C34C16BL	C57C16BL	----
Digital Alarm Status & Control Signals (except SOV) N.I.S.	A/AZ	Black	1 Pair (1.0mm ²)	B12D01BK	B12D01BK	B13D01BK	B11D01BK
			2 Pair (1.0mm ²)	B12D02BK	B12D02BK	B13D02BK	B11D02BK
			4 Pair (0.75mm ²)	B12C04BK	B12C04BK	B13C04BK	B11C04BK
			8 Pair (0.75mm ²)	B12C08BK	B12C08BK	B13C08BK	B11C08BK
			12 Pair (0.75mm ²)	B12C12BK	B12C12BK	B13C12BK	B11C12BK
			16 Pair (0.75mm ²)	B12C16BK	B12C16BK	B13C16BK	B11C16BK
			24 Pair (0.75mm ²)	B12C24BK	B12C24BK	B13C24BK	B11C24BK
			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B32D02BK	B32D02BK	B56D02BK	----
			4 Pair (0.75mm ²)	B32C04BK	B32C04BK	B56C04BK	----
			8 Pair (0.75mm ²)	B32C08BK	B32C08BK	B56C08BK	----
			12 Pair (0.75mm ²)	B32C12BK	B32C12BK	B56C12BK	----
			16 Pair (0.75mm ²)	B32C16BK	B32C16BK	B56C16BK	----
			24 Pair (0.75mm ²)	B32C24BK	B32C24BK	B56C24BK	----
Digital Alarm Status & Control Signals (except SOV) N.I.S. (Fire Resistant			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B32D02BK	B32D02BK	B56D02BK	----
			4 Pair (0.75mm ²)	B32C04BK	B32C04BK	B56C04BK	----
			8 Pair (0.75mm ²)	B32C08BK	B32C08BK	B56C08BK	----
			12 Pair (0.75mm ²)	B32C12BK	B32C12BK	B56C12BK	----
			16 Pair (0.75mm ²)	B32C16BK	B32C16BK	B56C16BK	----
			24 Pair (0.75mm ²)	B32C24BK	B32C24BK	B56C24BK	----
			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B32D02BK	B32D02BK	B56D02BK	----
			4 Pair (0.75mm ²)	B32C04BK	B32C04BK	B56C04BK	----
			8 Pair (0.75mm ²)	B32C08BK	B32C08BK	B56C08BK	----
			12 Pair (0.75mm ²)	B32C12BK	B32C12BK	B56C12BK	----
			16 Pair (0.75mm ²)	B32C16BK	B32C16BK	B56C16BK	----
			24 Pair (0.75mm ²)	B32C24BK	B32C24BK	B56C24BK	----
Digital Alarm Status & Control Signals (except SOV) I.S.	IA/IAZ	Blue	1 Pair (1.0mm ²)	B12D01BL	B12D01BL	B13D01BL	B11D01BL
			2 Pair (1.0mm ²)	B12D02BL	B12D02BL	B13D02BL	B11D02BL
			4 Pair (0.75mm ²)	B12C04BL	B12C04BL	B13C04BL	B11C04BL
			8 Pair (0.75mm ²)	B12C08BL	B12C08BL	B13C08BL	B11C08BL
			12 Pair (0.75mm ²)	B12C12BL	B12C12BL	B13C12BL	B11C12BL
			16 Pair (0.75mm ²)	B12C16BL	B12C16BL	B13C16BL	B11C16BL
			24 Pair (0.75mm ²)	B12C24BL	B12C24BL	B13C24BL	B11C24BL
			1 Pair (1.0mm ²)	B32D01BL	B32D01BL	B56D01BL	----
			2 Pair (1.0mm ²)	B32D02BL	B32D02BL	B56D02BL	----
			4 Pair (0.75mm ²)	B32C04BL	B32C04BL	B56C04BL	----
			8 Pair (0.75mm ²)	B32C08BL	B32C08BL	B56C08BL	----
			12 Pair (0.75mm ²)	B32C12BL	B32C12BL	B56C12BL	----
			16 Pair (0.75mm ²)	B32C16BL	B32C16BL	B56C16BL	----
			24 Pair (0.75mm ²)	B32C24BL	B32C24BL	B56C24BL	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Digital Signals (Frequency or Pulse) N.I.S.	D	Black	1 Pair (1.0mm ²)	B12D01BK	B12D01BK	B13D01BK	B11D01BK
			2 Pair (1.0mm ²)	B16D02BK	B16D02BK	B17D02BK	B15D02BK
			4 Pair (0.75mm ²)	B16C04BK	B16C04BK	B17C04BK	B15C04BK
			8 Pair (0.75mm ²)	B16C08BK	B16C08BK	B17C08BK	B15C08BK
			12 Pair (0.75mm ²)	B16C12BK	B16C12BK	B17C12BK	B15C12BK
			16 Pair (0.75mm ²)	B16C16BK	B16C16BK	B17C16BK	B15C16BK
			24 Pair (0.75mm ²)	B16C24BK	B16C24BK	B17C24BK	B15C24BK
			1 Triad (1.0mm ²)	C12D01BK	C12D01BK	C13D01BK	C11D01BK
			2 Triad (1.0mm ²)	C16D02BK	C16D02BK	C17D02BK	C15D02BK
			4 Triad (0.75mm ²)	C16C04BK	C16C04BK	C17C04BK	C15C04BK
			8 Triad (0.75mm ²)	C16C08BK	C16C08BK	C17C08BK	C15C08BK
			12 Triad (0.75mm ²)	C16C12BK	C16C12BK	C17C12BK	C15C12BK
			16 Triad (0.75mm ²)	C16C16BK	C16C16BK	C17C16BK	C15C16BK
Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant			1 Pair (1.0mm ²)	B32D01BK	B32D01BK	B56D01BK	----
			2 Pair (1.0mm ²)	B34D02BK	B34D02BK	B57D02BK	----
			4 Pair (0.75mm ²)	B34C04BK	B34C04BK	B57C04BK	----
			8 Pair (0.75mm ²)	B34C08BK	B34C08BK	B57C08BK	----
			12 Pair (0.75mm ²)	B34C12BK	B34C12BK	B57C12BK	----
			16 Pair (0.75mm ²)	B34C16BK	B34C16BK	B57C16BK	----
			24 Pair (0.75mm ²)	B34C24BK	B34C24BK	B57C24BK	----
			1 Triad (1.0mm ²)	C32D01BK	C32D01BK	C56D01BK	----
			2 Triad (1.0mm ²)	C34D02BK	C34D02BK	C57D02BK	----
			4 Triad (0.75mm ²)	C34C04BK	C34C04BK	C57C04BK	----
			8 Triad (0.75mm ²)	C34C08BK	C34C08BK	C57C08BK	----
			12 Triad (0.75mm ²)	C34C12BK	C34C12BK	C57C12BK	----
			16 Triad (0.75mm ²)	C34C16BK	C34C16BK	C57C16BK	----
Digital Signals (Frequency or Pulse) I.S.	ID	Blue	1 Pair (1.0mm ²)	B12D01BL	B12D01BL	B13D01BL	B11D01BL
			2 Pair (1.0mm ²)	B16D02BL	B16D02BL	B17D02BL	B15D02BL
			4 Pair (0.75mm ²)	B16C04BL	B16C04BL	B17C04BL	B15C04BL
			8 Pair (0.75mm ²)	B16C08BL	B16C08BL	B17C08BL	B15C08BL
			12 Pair (0.75mm ²)	B16C12BL	B16C12BL	B17C12BL	B15C12BL
			16 Pair (0.75mm ²)	B16C16BL	B16C16BL	B17C16BL	B15C16BL
			24 Pair (0.75mm ²)	B16C24BL	B16C24BL	B17C24BL	B15C24BL
			1 Triad (1.0mm ²)	C12D01BL	C12D01BL	C13D01BL	C11D01BL
			2 Triad (1.0mm ²)	C16D02BL	C16D02BL	C17D02BL	C15D02BL
			4 Triad (0.75mm ²)	C16C04BL	C16C04BL	C17C04BL	C15C04BL
			8 Triad (0.75mm ²)	C16C08BL	C16C08BL	C17C08BL	C15C08BL
			12 Triad (0.75mm ²)	C16C12BL	C16C12BL	C17C12BL	C15C12BL
			16 Triad (0.75mm ²)	C16C16BL	C16C16BL	C17C16BL	C15C16BL

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CABLE SELECTION										
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building			
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination				
Digital Signals (Frequency or Pulse) I.S. Fire Resistant			1 Pair (1.0mm ²)	B32D01BL	B32D01BL	B56D01BL	----			
			2 Pair (1.0mm ²)	B34D02BL	B34D02BL	B57D02BL	----			
			4 Pair (0.75mm ²)	B34C04BL	B34C04BL	B57C04BL	----			
			8 Pair (0.75mm ²)	B34C08BL	B34C08BL	B57C08BL	----			
			12 Pair (0.75mm ²)	B34C12BL	B34C12BL	B57C12BL	----			
			16 Pair (0.75mm ²)	B34C16BL	B34C16BL	B57C16BL	----			
			24 Pair (0.75mm ²)	B34C24BL	B34C24BL	B57C24BL	----			
			1 Triad (1.0mm ²)	C32D01BL	C32D01BL	C56D01BL	----			
			2 Triad (1.0mm ²)	C34D02BL	C34D02BL	C57D02BL	----			
			4 Triad (0.75mm ²)	C34C04BL	C34C04BL	C57C04BL	----			
			8 Triad (0.75mm ²)	C34C08BL	C34C08BL	C57C08BL	----			
			12 Triad (0.75mm ²)	C34C12BL	C34C12BL	C57C12BL	----			
			16 Triad (0.75mm ²)	C34C16BL	C34C16BL	C57C16BL	----			
			Solenoid Valve N.I.S.	S/SZ	Black	1 Pair (1.5mm ²)	B12F01BK	B12F01BK	B13F01BK	B11F01BK
						2 Pair (1.5mm ²)	B12F02BK	B12F02BK	B13F02BK	B11F02BK
						4 Pair (1.5mm ²)	B12F04BK	B12F04BK	B13F04BK	B11F04BK
8 Pair (1.5mm ²)	B12F08BK	B12F08BK				B13F08BK	B11F08BK			
12 Pair (1.5mm ²)	B12F12BK	B12F12BK				B13F12BK	B11F12BK			
16 Pair (1.5mm ²)	B12F16BK	B12F16BK				B13F16BK	B11F16BK			
24 Pair (1.5mm ²)	B12F24BK	B12F24BK				B13F24BK	B11F24BK			
1 Pair (2.5mm ²)	B12G01BK	B12G01BK				B13G01BK	B11G01BK			
2 Pair (2.5mm ²)	B12G02BK	B12G02BK				B13G02BK	B11G02BK			
4 Pair (2.5mm ²)	B12G04BK	B12G04BK				B13G04BK	B11G04BK			
8 Pair (2.5mm ²)	B12G08BK	B12G08BK				B13G08BK	B11G08BK			
12 Pair (2.5mm ²)	B12G12BK	B12G12BK				B13G12BK	B11G12BK			
16 Pair (2.5mm ²)	B12G16BK	B12G16BK				B13G16BK	B11G16BK			
24 Pair (2.5mm ²)	B12G24BK	B12G24BK				B13G24BK	B11G24BK			
Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.						1 Pair (2.5mm ²)	B12G01BK	B12G01BK	B13G01BK	B11G01BK
						2 Pair (2.5mm ²)	B12G02BK	B12G02BK	B13G02BK	B11G02BK
			4 Pair (2.5mm ²)	B12G04BK	B12G04BK	B13G04BK	B11G04BK			
			8 Pair (2.5mm ²)	B12G08BK	B12G08BK	B13G08BK	B11G08BK			
			12 Pair (2.5mm ²)	B12G12BK	B12G12BK	B13G12BK	B11G12BK			
			16 Pair (2.5mm ²)	B12G16BK	B12G16BK	B13G16BK	B11G16BK			
			24 Pair (2.5mm ²)	B12G24BK	B12G24BK	B13G24BK	B11G24BK			
			Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.			1 Pair (4.0mm ²)	B12H01BK	B12H01BK	----	----
2 Pair (4.0mm ²)	B12H02BK	B12H02BK				----	----			
4 Pair (4.0mm ²)	B12H04BK	B12H04BK				----	----			
8 Pair (4.0mm ²)	B12H08BK	B12H08BK				----	----			
12 Pair (4.0mm ²)	B12H12BK	B12H12BK				----	----			
16 Pair (4.0mm ²)	B12H16BK	B12H16BK				----	----			
24 Pair (4.0mm ²)	B12H24BK	B12H24BK				----	----			

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Solenoid Valve N.I.S. Fire Resistant			1 Pair (1.5mm ²)	B32F01BK	B32F01BK	B56F01BK	----
			2 Pair (1.5mm ²)	B32F02BK	B32F02BK	B56F02BK	----
			4 Pair (1.5mm ²)	B32F04BK	B32F04BK	B56F04BK	----
			8 Pair (1.5mm ²)	B32F08BK	B32F08BK	B56F08BK	----
			12 Pair (1.5mm ²)	B32F12BK	B32F12BK	B56F12BK	----
			16 Pair (1.5mm ²)	B32F16BK	B32F16BK	B56F16BK	----
			24 Pair (1.5mm ²)	B32F24BK	B32F24BK	B56F24BK	----
Solenoid Valve SIS N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.			1 Pair (2.5mm ²)	B32G01BK	B32G01BK	B56G01BK	----
			2 Pair (2.5mm ²)	B32G02BK	B32G02BK	B56G02BK	----
			4 Pair (2.5mm ²)	B32G04BK	B32G04BK	B56G04BK	----
			8 Pair (2.5mm ²)	B32G08BK	B32G08BK	B56G08BK	----
			12 Pair (2.5mm ²)	B32G12BK	B32G12BK	B56G12BK	----
			16 Pair (2.5mm ²)	B32G16BK	B32G16BK	B56G16BK	----
			24 Pair (2.5mm ²)	B32G24BK	B32G24BK	B56G24BK	----
			1 Pair (4.0mm ²)	B32H01BK	B32H01BK	----	----
			2 Pair (4.0mm ²)	B32H02BK	B32H02BK	----	----
			4 Pair (4.0mm ²)	B32H04BK	B32H04BK	----	----
			8 Pair (4.0mm ²)	B32H08BK	B32H08BK	----	----
			12 Pair (4.0mm ²)	B32H12BK	B32H12BK	----	----
			16 Pair (4.0mm ²)	B32H16BK	B32H16BK	----	----
			24 Pair (4.0mm ²)	B32H24BK	B32H24BK	----	----
Thermocouple Signals (Type K T/C) N.I.S. Thermocouple Signals (Type K T/C) N.I.S.Fire Resistance Thermocouple Signals (Type K T/C) N.I.S.Special case	TK	Green	1 Pair (1.3mm ²)	TK12E01GN	TK12E01GN	TK13E01GN	TK11E01GN
			2 Pair (1.3mm ²)	TK16E02GN	TK16E02GN	TK17E02GN	TK15E02GN
			4 Pair (1.0mm ²)	TK16D04GN	TK16D04GN	TK17D04GN	TK15D04GN
			8 Pair (1.0mm ²)	TK16D08GN	TK16D08GN	TK17D08GN	TK15D08GN
			12 Pair (1.0mm ²)	TK16D12GN	TK16D12GN	TK17D12GN	TK15D12GN
			16 Pair (1.0mm ²)	TK16D16GN	TK16D16GN	TK17D16GN	TK15D16GN
			24 Pair (1.0mm ²)	TK16D24GN	TK16D24GN	TK17D24GN	TK15D24GN
			1 Pair (1.3mm ²)	TK32E01GN	TK32E01GN	TK56E01GN	----
			2 Pair (1.3mm ²)	TK34E02GN	TK34E02GN	TK56E02GN	----
			4 Pair (1.0mm ²)	TK34D04GN	TK34D04GN	TK57D04GN	----
			8 Pair (1.0mm ²)	TK34D08GN	TK34D08GN	TK57D08GN	----
			12 Pair (1.0mm ²)	TK34D12GN	TK34D12GN	TK57D12GN	----
			16 Pair (1.0mm ²)	TK34D16GN	TK34D16GN	TK57D16GN	----
			24 Pair (1.0mm ²)	TK34D24GN	TK34D24GN	TK57D24GN	----
			1 Pair (1.5mm ²)	TK12F01GN	TK12F01GN	----	----
			16 Pair (1.5mm ²)	TK12F16GN	TK12F16GN	----	----
			24 Pair (1.5mm ²)	TK12F24GN	TK12F24GN	----	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Thermocouple Signals High Ambient Temperature	TK	Green	1 Pair (1.3mm ²)	TK67E01GN	TK67E01GN	----	----
	TS	Orange	1 Pair (1.3mm ²)	TS66E01OR	TS66E01OR	----	----
(*1 with Light Blue Band. Refer to Para 11.11 Thermocouple Signals (Type K T/C) I.S. Fire Resistance			4 Pair (1.0mm ²)	TK16D04GN	TK16D04GN	K17D04GN	K15D04GN
			8 Pair (1.0mm ²)	TK16D08GN	TK16D08GN	K17D08GN	K15D08GN
			12 Pair (1.0mm ²)	TK12D12GN	TK12D12GN	K17D12GN	K15D12GN
			16 Pair (1.0mm ²)	TK16D16GN	TK16D16GN	K17D16GN	K15D16GN
			24 Pair (1.0mm ²)	TK16D24GN	TK16D24GN	K17D24GN	K15D24GN
			1 Pair (1.3mm ²)	TK32E01GN	TK32E01GN	TK56E01GN	----
			2 Pair (1.3mm ²)	TK34E02GN	TK34E02GN	TK57E02GN	----
			4 Pair (1.0mm ²)	TK34D04GN	TK34D04GN	TK57D04GN	----
			8 Pair (1.0mm ²)	TK34D08GN	TK34D08GN	TK57D08GN	----
			12 Pair (1.0mm ²)	TK34D12GN	TK34D12GN	TK57D12GN	----
			16 Pair (1.0mm ²)	TK34D16GN	TK34D16GN	TK57D16GN	----
			24 Pair (1.0mm ²)	TK34D24GN	TK34D24GN	TK57D24GN	----
Resistance Thermometer Signals N.I.S	R	Black	1 Triad (1.0mm ²)	C12D01BK	C12D01BK	C13D01BK	C11D01BK
			2 Triad (1.0mm ²)	C16D02BK	C16D02BK	C17D02BK	C15D02BK
			4 Triad (0.75mm ²)	C16C04BK	C16C04BK	C17C04BK	C15C04BK
			8 Triad (0.75mm ²)	C16C08BK	C16C08BK	C17C08BK	C15C08BK
			12 Triad (0.75mm ²)	C16C12BK	C16C12BK	C17C12BK	C15C12BK
			16 Triad (0.75mm ²)	C16C16BK	C16C16BK	C17C16BK	C15C16BK
			1 Triad (1.0mm ²)	C32D01BK	C32D01BK	C56D01BK	----
			2 Triad (1.0mm ²)	C34D02BK	C34D02BK	C57D02BK	----
			4 Triad (0.75mm ²)	C34C04BK	C34C04BK	C57C04BK	----
			8 Triad (0.75mm ²)	C34C08BK	C34C08BK	C57C08BK	----
			12 Triad (0.75mm ²)	C34C12BK	C34C12BK	C57C12BK	----
			16 Triad (0.75mm ²)	C34C16BK	C34C16BK	C57C16BK	----
Resistance Thermometer Signals N.I.S Fire Resistant			1 Triad (1.0mm ²)	C12D01BK	C12D01BK	C13D01BK	C11D01BK
			2 Triad (1.0mm ²)	C16D02BK	C16D02BK	C17D02BK	C15D02BK
			4 Triad (0.75mm ²)	C16C04BK	C16C04BK	C17C04BK	C15C04BK
			8 Triad (0.75mm ²)	C16C08BK	C16C08BK	C17C08BK	C15C08BK
			12 Triad (0.75mm ²)	C16C12BK	C16C12BK	C17C12BK	C15C12BK
			16 Triad (0.75mm ²)	C16C16BK	C16C16BK	C17C16BK	C15C16BK
			1 Triad (1.0mm ²)	C32D01BK	C32D01BK	C56D01BK	----
			2 Triad (1.0mm ²)	C34D02BK	C34D02BK	C57D02BK	----
			4 Triad (0.75mm ²)	C34C04BK	C34C04BK	C57C04BK	----
			8 Triad (0.75mm ²)	C34C08BK	C34C08BK	C57C08BK	----
			12 Triad (0.75mm ²)	C34C12BK	C34C12BK	C57C12BK	----
			16 Triad (0.75mm ²)	C34C16BK	C34C16BK	C57C16BK	----
Resistance Thermometer Signals I.S.	IR	Black (*1)	1 Triad (1.0mm ²)	C12D01BL	C12D01BL	C13D01BL	C11D01BL
			2 Triad (1.0mm ²)	C16D02BL	C16D02BL	C17D02BL	C15D02BL
			4 Triad (0.75mm ²)	C16C04BL	C16C04BL	C17C04BL	C15C04BL
			8 Triad (0.75mm ²)	C16C08BL	C16C08BL	C17C08BL	C15C08BL
			12 Triad (0.75mm ²)	C16C12BL	C16C12BL	C17C12BL	C15C12BL
			16 Triad (0.75mm ²)	C16C16BL	C16C16BL	C17C16BL	C15C16BL
			1 Triad (1.0mm ²)	C32D01BL	C32D01BL	C56D01BL	----
			2 Triad (1.0mm ²)	C34D02BL	C34D02BL	C57D02BL	----
			4 Triad (0.75mm ²)	C34C04BL	C34C04BL	C57C04BL	----
			8 Triad (0.75mm ²)	C34C08BL	C34C08BL	C57C08BL	----
			12 Triad (0.75mm ²)	C34C12BL	C34C12BL	C57C12BL	----
			16 Triad (0.75mm ²)	C34C16BL	C34C16BL	C57C16BL	----
(*1 with Light Blue Band. Refer to Para 11.11 Resistance Thermometer Signals I.S. Fire Resistance			1 Triad (1.0mm ²)	C12D01BL	C12D01BL	C13D01BL	C11D01BL
			2 Triad (1.0mm ²)	C16D02BL	C16D02BL	C17D02BL	C15D02BL
			4 Triad (0.75mm ²)	C16C04BL	C16C04BL	C17C04BL	C15C04BL
			8 Triad (0.75mm ²)	C16C08BL	C16C08BL	C17C08BL	C15C08BL
			12 Triad (0.75mm ²)	C16C12BL	C16C12BL	C17C12BL	C15C12BL
			16 Triad (0.75mm ²)	C16C16BL	C16C16BL	C17C16BL	C15C16BL
Resistance Thermometer Signals I.S. Fire Resistance			1 Triad (1.0mm ²)	C32D01BL	C32D01BL	C56D01BL	----
			2 Triad (1.0mm ²)	C34D02BL	C34D02BL	C57D02BL	----
			4 Triad (0.75mm ²)	C34C04BL	C34C04BL	C57C04BL	----
			8 Triad (0.75mm ²)	C34C08BL	C34C08BL	C57C08BL	----
			12 Triad (0.75mm ²)	C34C12BL	C34C12BL	C57C12BL	----
			16 Triad (0.75mm ²)	C34C16BL	C34C16BL	C57C16BL	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
			16 Triad (0.75mm ²)	C34C16BL	C34C16BL	C57C16BL	----
Fire and Gas Analogue Detection Signals N.I.S.	LF/LG	Red	1 Pair (1.0mm ²)	B12D01RD	B12D01RD	B13D01RD	B11D01RD
			1 Pair (1.5mm ²)	B12F01RD	B12F01RD	B13F01RD	B11F01RD
			1 Pair (2.5mm ²)	B12G01RD	B12G01RD	B13G01RD	B11G01RD
			2 Pair (1.0mm ²)	B12D02RD	B12D02RD	B13D02RD	B11D02RD
			4 Pair (0.75mm ²)	B12C04RD	B12C04RD	B13C04RD	B11C04RD
			8 Pair (0.75mm ²)	B12C08RD	B12C08RD	B13C08RD	B11C08RD
			12 Pair (0.75mm ²)	B12C12RD	B12C12RD	B13C12RD	B11C12RD
			16 Pair (0.75mm ²)	B12C16RD	B12C16RD	B13C16RD	B11C16RD
			24 Pair (0.75mm ²)	B12C24RD	B12C24RD	B13C24RD	B11C24RD
			1 Triad (1.0mm ²)	C12D01RD	C12D01RD	C13D01RD	C11D01RD
			1 Triad (1.5mm ²)	C12F01RD	C12F01RD	C13F01RD	C11F01RD
			1 Triad (2.5mm ²)	C12G01RD	C12G01RD	C13G01RD	C11G01RD
			2 Triad (1.0mm ²)	C12D02RD	C12D02RD	C13D02RD	C11D02RD
			2 Triad (1.5mm ²)	C12F02RD	C12F02RD	C13F02RD	C11F02RD
			2 Triad (2.5mm ²)	C12G02RD	C12G02RD	C13G02RD	C11G02RD
			2 Triad (4.0mm ²)	C12H02RD	C12H02RD	C13H02RD	C11H02RD
			2 Triad (6.0mm ²)	C12J02RD	C12J02RD	C13J02RD	C11J02RD
			4 Triad (0.75mm ²)	C12C04RD	C12C04RD	C13C04RD	C11C04RD
			4 Triad (1.0mm ²)	C12D04RD	C12D04RD	C13D04RD	C11D04RD
			4 Triad (1.5mm ²)	C12F04RD	C12F04RD	C13F04RD	C11F04RD
			4 Triad (2.5mm ²)	C12G04RD	C12G04RD	C13G04RD	C11G04RD
			4 Triad (4.0mm ²)	C12H04RD	C12H04RD	C13H04RD	C11H04RD
			4 Triad (6.0mm ²)	C12J04RD	C12J04RD	C13J04RD	C11J04RD
			8 Triad (0.75mm ²)	C12C08RD	C12C08RD	C13C08RD	C11C08RD
			8 Triad (1.0mm ²)	C12D08RD	C12D08RD	C13D08RD	C11D08RD
			8 Triad (1.5mm ²)	C12F08RD	C12F08RD	C13F08RD	C11F08RD
			8 Triad (2.5mm ²)	C12G08RD	C12G08RD	C13G08RD	C11G08RD
			8 Triad (4.0mm ²)	C12H08RD	C12H08RD	C13H08RD	C11H08RD
			8 Triad (6.0mm ²)	C12J08RD	C12J08RD	C13J08RD	C11J08RD
			12 Triad (0.75mm ²)	C12C12RD	C12C12RD	C13C12RD	C11C12RD
			12 Triad (1.0mm ²)	C12D12RD	C12D12RD	C13D12RD	C11D12RD
			12 Triad (1.5mm ²)	C12F12RD	C12F12RD	C13F12RD	C11F12RD
			12 Triad (2.5mm ²)	C12G12RD	C12G12RD	C13G12RD	C11G12RD
			12 Triad (4.0mm ²)	C12H12RD	C12H12RD	C13H12RD	C11H12RD
			12 Triad (6.0mm ²)	C12J12RD	C12J12RD	C13J12RD	C11J12RD
			16 Triad (0.75mm ²)	C12C16RD	C12C16RD	C13C16RD	C11C16RD
			16 Triad (1.0mm ²)	C12D16RD	C12D16RD	C13D16RD	C11D16RD
			16 Triad (1.5mm ²)	C12F16RD	C12F16RD	C13F16RD	C11F16RD
			16 Triad (2.5mm ²)	C12G16RD	C12G16RD	C13G16RD	C11G16RD
			16 Triad (4.0mm ²)	C12H16RD	C12H16RD	C13H16RD	C11H16RD
			16 Triad (6.0mm ²)	C12J16RD	C12J16RD	C13J16RD	C11J16RD

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
(Communication cable for H2S Open Path Gas Detector)			2 Pair (0.75mm ²)	B16C02RD	B16C02RD	B17C02RD	----
			2 Pair (1.0mm ²)	B16D02RD	B16D02RD	B17D02RD	----
			2 Pair (1.5mm ²)	B16F02RD	B16F02RD	B17F02RD	----
			2 Pair (2.5mm ²)	B16G02RD	B16G02RD	B17G02RD	----
Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant			1 Pair (1.0mm ²)	B32D01RD	B32D01RD	B56D01RD	----
			1 Pair (1.5mm ²)	B32F01RD	B32F01RD	B56F01RD	----
			1 Pair (2.5mm ²)	B32G01RD	B32G01RD	B56G01RD	----
			2 Pair (1.0mm ²)	B32D02RD	B32D02RD	B56D02RD	----
			4 Pair (0.75mm ²)	B32C04RD	B32C04RD	B56C04RD	----
			8 Pair (0.75mm ²)	B32C08RD	B32C08RD	B56C08RD	----
			12 Pair (0.75mm ²)	B32C12RD	B32C12RD	B56C12RD	----
			16 Pair (0.75mm ²)	B32C16RD	B32C16RD	B56C16RD	----
			24 Pair (0.75mm ²)	B32C24RD	B32C24RD	B56C24RD	----
			1 Triad (1.0mm ²)	C32D01RD	C32D01RD	C56D01RD	----
			1 Triad (1.5mm ²)	C32F01RD	C32F01RD	C56F01RD	----
			1 Triad (2.5mm ²)	C32G01RD	C32G01RD	C56G01RD	----
			2 Triad (1.0mm ²)	C32D02RD	C32D02RD	C56D02RD	----
			2 Triad (1.5mm ²)	C32F02RD	C32F02RD	C56F02RD	----
			2 Triad (2.5mm ²)	C32G02RD	C32G02RD	C56G02RD	----
			2 Triad (4.0mm ²)	C32H02RD	C32H02RD	C56H02RD	----
			2 Triad (6.0mm ²)	C32J02RD	C32J02RD	C56J02RD	----
			4 Triad (0.75mm ²)	C32C04RD	C32C04RD	C56C04RD	----
			4 Triad (1.0mm ²)	C32D04RD	C32D04RD	C56D04RD	----
			4 Triad (1.5mm ²)	C32F04RD	C32F04RD	C56F04RD	----
			4 Triad (2.5mm ²)	C32G04RD	C32G04RD	C56G04RD	----
			4 Triad (4.0mm ²)	C32H04RD	C32H04RD	C56H04RD	----
			4 Triad (6.0mm ²)	C32J04RD	C32J04RD	C56J04RD	----
			8 Triad (0.75mm ²)	C32C08RD	C32C08RD	C56C08RD	----
			8 Triad (1.0mm ²)	C32D08RD	C32D08RD	C56D08RD	----
			8 Triad (1.5mm ²)	C32F08RD	C32F08RD	C56F08RD	----
			8 Triad (2.5mm ²)	C32G08RD	C32G08RD	C56G08RD	----
			8 Triad (4.0mm ²)	C32H08RD	C32H08RD	C56H08RD	----
			8 Triad (6.0mm ²)	C32J08RD	C32J08RD	C56J08RD	----
			12 Triad (0.75mm ²)	C32C12RD	C32C12RD	C56C12RD	----
			12 Triad (1.0mm ²)	C32D12RD	C32D12RD	C56D12RD	----
			12 Triad (1.5mm ²)	C32F12RD	C32F12RD	C56F12RD	----
			12 Triad (2.5mm ²)	C32G12RD	C32G12RD	C56G12RD	----
			12 Triad (4.0mm ²)	C32H12RD	C32H12RD	C56H12RD	----
			12 Triad (6.0mm ²)	C32J12RD	C32J12RD	C56J12RD	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
(Communication cable for H2S Open Path Gas Detector)			16 Triad (0.75mm ²)	C32C16RD	C32C16RD	C56C16RD	----
			16 Triad (1.0mm ²)	C32D16RD	C32D16RD	C56D16RD	----
			16 Triad (1.5mm ²)	C32F16RD	C32F16RD	C56F16RD	----
			16 Triad (2.5mm ²)	C32G16RD	C32G16RD	C56G16RD	----
			16 Triad (4.0mm ²)	C32H16RD	C32H16RD	C56H16RD	----
			16 Triad (6.0mm ²)	C32J16RD	C32J16RD	C56J16RD	----
			2 Pair (0.75mm ²)	B34C02RD	B34C02RD	B57C02RD	----
			2 Pair (1.0mm ²)	B34D02RD	B34D02RD	B57D02RD	----
			2 Pair (1.5mm ²)	B34F02RD	B34F02RD	B57F02RD	----
			2 Pair (2.5mm ²)	B34G02RD	B34G02RD	B57G02RD	----
Fire and Gas Analogue Detection Signals I.S.	ILF/ILG	Red/ Blue stripe	1 Pair (1.0mm ²)	B12D01RD/BL	B12D01RD/BL	B13D01RD/BL	B11D01RD/BL
			2 Pair (1.0mm ²)	B12D02RD/BL	B12D02RD/BL	B13D02RD/BL	B11D02RD/BL
			4 Pair (0.75mm ²)	B12C04RD/BL	B12C04RD/BL	B13C04RD/BL	B11C04RD/BL
			8 Pair (0.75mm ²)	B12C08RD/BL	B12C08RD/BL	B13C08RD/BL	B11C08RD/BL
			12 Pair (0.75mm ²)	B12C12RD/BL	B12C12RD/BL	B13C12RD/BL	B11C12RD/BL
			16 Pair (0.75mm ²)	B12C16RD/BL	B12C16RD/BL	B13C16RD/BL	B11C16RD/BL
			24 Pair (0.75mm ²)	B12C24RD/BL	B12C24RD/BL	B13C24RD/BL	B11C24RD/BL
			1 Triad (1.0mm ²)	C12D01RD/BL	C12D01RD/BL	C13D01RD/BL	C11D01RD/BL
			2 Triad (1.0mm ²)	C12D02RD/BL	C12D02RD/BL	C13D02RD/BL	C11D02RD/BL
			4 Triad (0.75mm ²)	C12C04RD/BL	C12C04RD/BL	C13C04RD/BL	C11C04RD/BL
			8 Triad (0.75mm ²)	C12C08RD/BL	C12C08RD/BL	C13C08RD/BL	C11C08RD/BL
			12 Triad (0.75mm ²)	C12C12RD/BL	C12C12RD/BL	C13C08RD/BL	C11C08RD/BL
			16 Triad (0.75mm ²)	C12C16RD/BL	C12C16RD/BL	C13C16RD/BL	C11C16RD/BL
Fire and Gas Analogue Detection Signals I.S. Fire Resistant	ILF/ILG	Red/ Blue stripe	1 Pair (1.0mm ²)	B32D01RD/BL	B32D01RD/BL	B56D01RD/BL	----
			2 Pair (1.0mm ²)	B32D02RD/BL	B32D02RD/BL	B56D02RD/BL	----
			4 Pair (0.75mm ²)	B32C04RD/BL	B32C04RD/BL	B56C04RD/BL	----
			8 Pair (0.75mm ²)	B32C08RD/BL	B32C08RD/BL	B56C08RD/BL	----
			12 Pair (0.75mm ²)	B32C12RD/BL	B32C12RD/BL	B56C12RD/BL	----
			16 Pair (0.75mm ²)	B32C16RD/BL	B32C16RD/BL	B56C16RD/BL	----
			24 Pair (0.75mm ²)	B32C24RD/BL	B32C24RD/BL	B56C24RD/BL	----
			1 Triad (1.0mm ²)	C32D01RD/BL	C32D01RD/BL	C56D01RD/BL	----
			2 Triad (1.0mm ²)	C32D02RD/BL	C32D02RD/BL	C56D02RD/BL	----
			4 Triad (0.75mm ²)	C32C04RD/BL	C32C04RD/BL	C56C04RD/BL	----
			8 Triad (0.75mm ²)	C32C08RD/BL	C32C08RD/BL	C56C08RD/BL	----
			12 Triad (0.75mm ²)	C32C12RD/BL	C32C12RD/BL	C56C12RD/BL	----
			16 Triad (0.75mm ²)	C32C16RD/BL	C32C16RD/BL	C56C16RD/BL	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Fire and Gas Digital Detection/Alarm Signals N.I.S.	AF/AG	Red	1 Pair (1.0mm ²)	B12D01RD	B12D01RD	B13D01RD	B11D01RD
			2 Pair (1.0mm ²)	B12D02RD	B12D02RD	B13D02RD	B11D02RD
			2 Pair (1.5mm ²)	B12F02RD	B12F02RD	B13F02RD	B11F02RD
			2 Pair (2.5mm ²)	B12G02RD	B12G02RD	B13G02RD	B11G02RD
			2 Pair (4.0mm ²)	B12H02RD	B12H02RD	B13H02RD	B11H02RD
			2 Pair (6.0mm ²)	B12J02RD	B12J02RD	B13J02RD	B11J02RD
			4 Pair (0.75mm ²)	B12C04RD	B12C04RD	B13C04RD	B11C04RD
			4 Pair (1.0mm ²)	B12D04RD	B12D04RD	B13D04RD	B11D04RD
			4 Pair (1.5mm ²)	B12F04RD	B12F04RD	B13F04RD	B11F04RD
			4 Pair (2.5mm ²)	B12G04RD	B12G04RD	B13G04RD	B11G04RD
			4 Pair (4.0mm ²)	B12H04RD	B12H04RD	B13H04RD	B11H04RD
			4 Pair (6.0mm ²)	B12J04RD	B12J04RD	B13J04RD	B11J04RD
			8 Pair (0.75mm ²)	B12C08RD	B12C08RD	B13C08RD	B11C08RD
			8 Pair (1.0mm ²)	B12D08RD	B12D08RD	B13D08RD	B11D08RD
			8 Pair (1.5mm ²)	B12F08RD	B12F08RD	B13F08RD	B11F08RD
			8 Pair (2.5mm ²)	B12G08RD	B12G08RD	B13G08RD	B11G08RD
			8 Pair (4.0mm ²)	B12H08RD	B12H08RD	B13H08RD	B11H08RD
			8 Pair (6.0mm ²)	B12J08RD	B12J08RD	B13J08RD	B11J08RD
			12 Pair (0.75mm ²)	B12C12RD	B12C12RD	B13C12RD	B11C12RD
			12 Pair (1.0mm ²)	B12D12RD	B12D12RD	B13D12RD	B11D12RD
			12 Pair (1.5mm ²)	B12F12RD	B12F12RD	B13F12RD	B11F12RD
			12 Pair (2.5mm ²)	B12G12RD	B12G12RD	B13G12RD	B11G12RD
			12 Pair (4.0mm ²)	B12H12RD	B12H12RD	B13H12RD	B11H12RD
			12 Pair (6.0mm ²)	B12J12RD	B12J12RD	B13J12RD	B11J12RD
			16 Pair (0.75mm ²)	B12C16RD	B12C16RD	B13C16RD	B11C16RD
			16 Pair (1.0mm ²)	B12D16RD	B12D16RD	B13D16RD	B11D16RD
			16 Pair (1.5mm ²)	B12F16RD	B12F16RD	B13F16RD	B11F16RD
			16 Pair (2.5mm ²)	B12G16RD	B12G16RD	B13G16RD	B11G16RD
			16 Pair (4.0mm ²)	B12H16RD	B12H16RD	B13H16RD	B11H16RD
			16 Pair (6.0mm ²)	B12J16RD	B12J16RD	B13J16RD	B11J16RD
			24 Pair (0.75mm ²)	B12C24RD	B12C24RD	B13C24RD	B11C24RD
			24 Pair (1.0mm ²)	B12D24RD	B12D24RD	B13D24RD	B11D24RD
			24 Pair (1.5mm ²)	B12F24RD	B12F24RD	B13F24RD	B11F24RD
			24 Pair (2.5mm ²)	B12G24RD	B12G24RD	B13G24RD	B11G24RD
			24 Pair (4.0mm ²)	B12H24RD	B12H24RD	B13H24RD	B11H24RD
			24 Pair (6.0mm ²)	B12J24RD	B12J24RD	B13J24RD	B11J24RD
			1 Triad (1.0mm ²)	C12D01RD	C12D01RD	C13D01RD	C11D01RD
			2 Triad (1.0mm ²)	C12D02RD	C12D02RD	C13D02RD	C11D02RD
			4 Triad (0.75mm ²)	C12C04RD	C12C04RD	C13C04RD	C11C04RD
			8 Triad (0.75mm ²)	C12C08RD	C12C08RD	C13C08RD	C11C08RD
			12 Triad (0.75mm ²)	C12C12RD	C12C12RD	C13C12RD	C11C12RD

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
			16 Triad (0.75mm ²)	C12C16RD	C12C16RD	C13C16RD	C11C16RD
Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant	AF/AG	Red	1 Pair (1.0mm ²)	B32D01RD	B32D01RD	B56D01RD	----
			2 Pair (1.0mm ²)	B32D02RD	B32D02RD	B56D02RD	----
			2 Pair (1.5mm ²)	B32F02RD	B32F02RD	B56F02RD	----
			2 Pair (2.5mm ²)	B32G02RD	B32G02RD	B56G02RD	----
			2 Pair (4.0mm ²)	B32H02RD	B32H02RD	B56H02RD	----
			2 Pair (6.0mm ²)	B32J02RD	B32J02RD	B56J02RD	----
			4 Pair (0.75mm ²)	B32C04RD	B32C04RD	B56C04RD	----
			4 Pair (1.0mm ²)	B32D04RD	B32D04RD	B56D04RD	----
			4 Pair (1.5mm ²)	B32F04RD	B32F04RD	B56F04RD	----
			4 Pair (2.5mm ²)	B32G04RD	B32G04RD	B56G04RD	----
			4 Pair (4.0mm ²)	B32H04RD	B32H04RD	B56H04RD	----
			4 Pair (6.0mm ²)	B32J04RD	B32J04RD	B56J04RD	----
			8 Pair (0.75mm ²)	B32C08RD	B32C08RD	B56C08RD	----
			8 Pair (1.0mm ²)	B32D08RD	B32D08RD	B56D08RD	----
			8 Pair (1.5mm ²)	B32F08RD	B32F08RD	B56F08RD	----
			8 Pair (2.5mm ²)	B32G08RD	B32G08RD	B56G08RD	----
			8 Pair (4.0mm ²)	B32H08RD	B32H08RD	B56H08RD	----
			8 Pair (6.0mm ²)	B32J08RD	B32J08RD	B56J08RD	----
			12 Pair (0.75mm ²)	B32C12RD	B32C12RD	B56C12RD	----
			12 Pair (1.0mm ²)	B32D12RD	B32D12RD	B56D12RD	----
			12 Pair (1.5mm ²)	B32F12RD	B32F12RD	B56F12RD	----
			12 Pair (2.5mm ²)	B32G12RD	B32G12RD	B56G12RD	----
			12 Pair (4.0mm ²)	B32H12RD	B32H12RD	B56H12RD	----
			12 Pair (6.0mm ²)	B32J12RD	B32J12RD	B56J12RD	----
			16 Pair (0.75mm ²)	B32C16RD	B32C16RD	B56C16RD	----
			16 Pair (1.0mm ²)	B32D16RD	B32D16RD	B56D16RD	----
			16 Pair (1.5mm ²)	B32F16RD	B32F16RD	B56F16RD	----
			16 Pair (2.5mm ²)	B32G16RD	B32G16RD	B56G16RD	----
			16 Pair (4.0mm ²)	B32H16RD	B32H16RD	B56H16RD	----
			16 Pair (6.0mm ²)	B32J16RD	B32J16RD	B56J16RD	----
			24 Pair (0.75mm ²)	B32C24RD	B32C24RD	B56C24RD	----
			24 Pair (1.0mm ²)	B32D24RD	B32D24RD	B56D24RD	----
			24 Pair (1.5mm ²)	B32F24RD	B32F24RD	B56F24RD	----
			24 Pair (2.5mm ²)	B32G24RD	B32G24RD	B56G24RD	----
			24 Pair (4.0mm ²)	B32H24RD	B32H24RD	B56H24RD	----
			24 Pair (6.0mm ²)	B32J24RD	B32J24RD	B56J24RD	----
			1 Triad (1.0mm ²)	C32D01RD	C32D01RD	C56D01RD	----
			2 Triad (1.0mm ²)	C32D02RD	C32D02RD	C56D02RD	----
			4 Triad (0.75mm ²)	C32C04RD	C32C04RD	C56C04RD	----
			8 Triad (0.75mm ²)	C32C08RD	C32C08RD	C56C08RD	----
			12 Triad (0.75mm ²)	C32C12RD	C32C12RD	C56C12RD	----

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
			16 Triad (0.75mm ²)	C32C16RD	C32C16RD	C56C16RD	----
Fire and Gas Digital Detection/Alarm Signals I.S.	IAF/IAG	Red/ Blue stripe	1 Pair (1.0mm ²)	B12D01RD/BL	B12D01RD/BL	B13D01RD/BL	B11D01RD/BL
			2 Pair (1.0mm ²)	B12D02RD/BL	B12D02RD/BL	B13D02RD/BL	B11D02RD/BL
			4 Pair (0.75mm ²)	B12C04RD/BL	B12C04RD/BL	B13C04RD/BL	B11C04RD/BL
			8 Pair (0.75mm ²)	B12C08RD/BL	B12C08RD/BL	B13C08RD/BL	B11C08RD/BL
			12 Pair (0.75mm ²)	B12C12RD/BL	B12C12RD/BL	B13C12RD/BL	B11C12RD/BL
			16 Pair (0.75mm ²)	B12C16RD/BL	B12C16RD/BL	B13C16RD/BL	B11C16RD/BL
			24 Pair (0.75mm ²)	B12C24RD/BL	B12C24RD/BL	B13C24RD/BL	B11C24RD/BL
			1 Triad (1.0mm ²)	C12D01RD/BL	C12D01RD/BL	C13D01RD/BL	C11D01RD/BL
			2 Triad (1.0mm ²)	C12D02RD/BL	C12D02RD/BL	C13D02RD/BL	C11D02RD/BL
			4 Triad (0.75mm ²)	C12C04RD/BL	C12C04RD/BL	C13C04RD/BL	C11C04RD/BL
			8 Triad (0.75mm ²)	C12C08RD/BL	C12C08RD/BL	C13C08RD/BL	C11C08RD/BL
			12 Triad (0.75mm ²)	C12C12RD/BL	C12C12RD/BL	C13C12RD/BL	C11C12RD/BL
			16 Triad (0.75mm ²)	C12C16RD/BL	C12C16RD/BL	C13C16RD/BL	C11C16RD/BL
Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant	IAF/IAG	Red/ Blue stripe	1 Pair (1.0mm ²)	B32D01RD/BL	B32D01RD/BL	B56D01RD/BL	----
			2 Pair (1.0mm ²)	B32D02RD/BL	B32D02RD/BL	B56D02RD/BL	----
			4 Pair (0.75mm ²)	B32C04RD/BL	B32C04RD/BL	B56C04RD/BL	----
			8 Pair (0.75mm ²)	B32C08RD/BL	B32C08RD/BL	B56C08RD/BL	----
			12 Pair (0.75mm ²)	B32C12RD/BL	B32C12RD/BL	B56C12RD/BL	----
			16 Pair (0.75mm ²)	B32C16RD/BL	B32C16RD/BL	B56C16RD/BL	----
			24 Pair (0.75mm ²)	B32C24RD/BL	B32C24RD/BL	B56C24RD/BL	----
			1 Triad (1.0mm ²)	C32D01RD/BL	C32D01RD/BL	C56D01RD/BL	----
			2 Triad (1.0mm ²)	C32D02RD/BL	C32D02RD/BL	C56D02RD/BL	----
			4 Triad (0.75mm ²)	C32C04RD/BL	C32C04RD/BL	C56C04RD/BL	----
			8 Triad (0.75mm ²)	C32C08RD/BL	C32C08RD/BL	C56C08RD/BL	----
			12 Triad (0.75mm ²)	C32C12RD/BL	C32C12RD/BL	C56C12RD/BL	----
			16 Triad (0.75mm ²)	C32C16RD/BL	C32C16RD/BL	C56C16RD/BL	----
Fire and Gas Solenoid Valve N.I.S.	SF/SG	Red	1 Pair (1.5mm ²)	B12F01RD	B12F01RD	B13F01RD	B11F01RD
			2 Pair (1.5mm ²)	B12F02RD	B12F02RD	B13F02RD	B11F02RD
			4 Pair (1.5mm ²)	B12F04RD	B12F04RD	B13F04RD	B11F04RD
			8 Pair (1.5mm ²)	B12F08RD	B12F08RD	B13F08RD	B11F08RD
			12 Pair (1.5mm ²)	B12F12RD	B12F12RD	B13F12RD	B11F12RD
			16 Pair (1.5mm ²)	B12F16RD	B12F16RD	B13F16RD	B11F16RD
			24 Pair (1.5mm ²)	B12F24RD	B12F24RD	B13F24RD	B11F24RD

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CABLE SELECTION							
Service	Signal Cat.	Outer Sheath Colour	Cable Size	Field Above Ground	Field Below Ground		Building
					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
Fire and Gas Solenoid Valve N.I.S. Fire Resistant	SF/SG	Red	1 Pair (1.5mm ²)	B32F01RD	B32F01RD	B56F01RD	----
			2 Pair (1.5mm ²)	B32F02RD	B32F02RD	B56F02RD	----
			4 Pair (1.5mm ²)	B32F04RD	B32F04RD	B56F04RD	----
			8 Pair (1.5mm ²)	B32F08RD	B32F08RD	B56F08RD	----
			12 Pair (1.5mm ²)	B32F12RD	B32F12RD	B56F12RD	----
			16 Pair (1.5mm ²)	B32F16RD	B32F16RD	B56F16RD	----
			24 Pair (1.5mm ²)	B32F24RD	B32F24RD	B56F24RD	----
Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems			1 Pair (2.5mm ²)	B12G01RD	B12G01RD	B13G01RD	B11G01RD
			2 Pair (2.5mm ²)	B12G02RD	B12G02RD	B13G02RD	B11G02RD
			4 Pair (2.5mm ²)	B12G04RD	B12G04RD	B13G04RD	B11G04RD
			8 Pair (2.5mm ²)	B12G08RD	B12G08RD	B13G08RD	B11G08RD
			12 Pair (2.5mm ²)	B12G12RD	B12G12RD	B13G12RD	B11G12RD
			16 Pair (2.5mm ²)	B12G16RD	B12G16RD	B13G16RD	B11G16RD
			24 Pair (2.5mm ²)	B12G24RD	B12G24RD	B13G24RD	B11G24RD
			1 Pair (2.5mm ²)	B32G01RD	B32G01RD	B56G01RD	----
			2 Pair (2.5mm ²)	B32G02RD	B32G02RD	B56G02RD	----
			4 Pair (2.5mm ²)	B32G04RD	B32G04RD	B56G04RD	----
			8 Pair (2.5mm ²)	B32G08RD	B32G08RD	B56G08RD	----
			12 Pair (2.5mm ²)	B32G12RD	B32G12RD	B56G12RD	----
			16 Pair (2.5mm ²)	B32G16RD	B32G16RD	B56G16RD	----
			24 Pair (2.5mm ²)	B32G24RD	B32G24RD	B56G24RD	----
Safety Earthing	SE	Yellow /Green	1 Core (2.5mm ²)	A11G01YG	A11G01YG	A11G01YG	A11G01YG
			1 Core (4mm ²)	A11H01YG	A11H01YG	A11H01YG	A11H01YG
			1 Core (6mm ²)	A11J01YG	A11J01YG	A11J01YG	A11J01YG
			1 Core (10mm ²)	A11K01YG	A11K01YG	A11K01YG	A11K01YG
			1 Core (16mm ²)	A11L01YG	A11L01YG	A11L01YG	A11L01YG
			1 Core (25mm ²)	A11M01YG	A11M01YG	A11M01YG	A11M01YG
			1 Core (35mm ²)	A11N01YG	A11N01YG	A11N01YG	A11N01YG
Instrument Earthing	IE	Green	1 Core (2.5mm ²)	A11G01GN	A11G01GN	A11G01GN	A11G01GN
			1 Core (4mm ²)	A11H01GN	A11H01GN	A11H01GN	A11H01GN
			1 Core (6mm ²)	A11J01GN	A11J01GN	A11J01GN	A11J01GN
			1 Core (10mm ²)	A11K01GN	A11K01GN	A11K01GN	A11K01GN
			1 Core (16mm ²)	A11L01GN	A11L01GN	A11L01GN	A11L01GN
			1 Core (25mm ²)	A11M01GN	A11M01GN	A11M01GN	A11M01GN
			1 Core (35mm ²)	A11N01GN	A11N01GN	A11N01GN	A11N01GN

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CABLE SELECTION							
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					free of oil/chemicals contamination (NOTE 1)	oil/chemicals contamination	
			48 Fibre 96 Fibre	F25Z48PL F25Z96PL	F25Z48PL F25Z96PL	F26Z48PL F26Z96PL	----- -----
Communication Cable for MOV System Communication Cable for MOV System Fire Resistant	X	Black	2 Pair (1.5mm ²) 2 Pair (1.5mm ²)	B62F01BK B64F01BK	B62F01BK B64F01BK	B63F01BK B65F01BK	----- -----
Telecommunications Fibre Optic	N	Black	Single Mode (9...10/125µm) 2 Fibre 4 Fibre 6 Fibre 12 Fibre 24 Fibre	 F12X02BK F12X04BK F12X06BK F12X12BK F12X24BK	 F12X02BK F12X04BK F12X06BK F12X12BK F12X24BK	 F14X02BK F14X04BK F14X06BK F14X12BK F14X24BK	 F11X02BK F11X04BK F11X06BK F11X12BK F11X24BK
Telecommunications Telephone		Black	2 Pair (22 AWG) 10 Pair (22 AWG) 20 Pair (22 AWG) 50 Pair (22 AWG) 2 Pair (20 AWG) 10 Pair (20 AWG) 20 Pair (20 AWG) 50 Pair (20 AWG)	----- ----- ----- ----- B102W02BK B102W10BK B102W20BK B102W50BK	----- ----- ----- ----- B102W02BK B102W10BK B102W20BK B102W50BK	----- ----- ----- ----- B104W02BK B104W10BK B104W20BK B104W50BK	B101V02BK B101V10BK B101V20BK B101V50BK ----- ----- ----- -----

NOTE 1

Above ground cable can be applied for under ground cable as main cable as far as following condition is satisfied.

- Above cable route except for the access to building such as Instrument Satellite Building which is under ground route.
- The under ground route is not exposed to the area contaminated by oil or chemical.

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10 INDEX OF CABLE TYPES

10.1 Signal Cable (Non-Intrinsically Safe)

No	Cable Type Ref.	Description	Service
1	B11C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
2	B11C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
3	B11C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
4	B11C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
5	B11C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
6	B11D01BK	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Low Level Analogue Signals N.I.S.
7	B11D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
8	B11F01BK	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, Screen, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S.
9	B11F02BK	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
10	B11F04BK	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
11	B11F08BK	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
12	B11F12BK	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
13	B11F16BK	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
14	B11F24BK	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
15	B11G01BK	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, Screen, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
16	B11G02BK	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
17	B11G04BK	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
18	B11G08BK	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
19	B11G12BK	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
20	B11G16BK	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
21	B11G24BK	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.

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No	Cable Type Ref.	Description	Service
22	B11C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
23	B11C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
24	B11C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
25	B11C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
26	B11C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
27	B11D01RD	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
28	B11D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
29	B11D04RD	4 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
30	B11D08RD	8 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
31	B11D12RD	12 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
32	B11D16RD	16 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
33	B11D24RD	24 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
34	B11F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
35	B11F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
36	B11F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
37	B11F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
38	B11F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
39	B11F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
40	B11F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
41	B11G01RD	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
42	B11G02RD	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
43	B11G04RD	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.

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No	Cable Type Ref.	Description	Service
44	B11G08RD	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
45	B11G12RD	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
46	B11G16RD	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
47	B11G24RD	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
48	B11H02RD	2 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
49	B11H04RD	4 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
50	B11H08RD	8 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
51	B11H12RD	12 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
52	B11H16RD	16 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
53	B11H24RD	24 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
54	B11J02RD	2 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
55	B11J04RD	4 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
56	B11J08RD	8 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
57	B11J12RD	12 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
58	B11J16RD	16 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
59	B11J24RD	24 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
60	B12C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
61	B12C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
62	B12C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
63	B12C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
64	B12C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.

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65	B12D01BK	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Low Level Analogue Signals N.I.S.
66	B12D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
67	B12F01BK	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S.
68	B12F02BK	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
69	B12F04BK	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
70	B12F08BK	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
71	B12F12BK	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
72	B12F16BK	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
73	B12F24BK	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
74	B12G01BK	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
75	B12G02BK	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
76	B12G04BK	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
77	B12G08BK	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
78	B12G12BK	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
79	B12G16BK	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
80	B12G24BK	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
81	B12H01BK	Single twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
82	B12H02BK	2 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
83	B12H04BK	4 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.

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84	B12H08BK	8 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
85	B12H12BK	12 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
86	B12H16BK	16 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
87	B12H24BK	24 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 4.0mm ² when to overcome "Volt Drop" problems.
88	B12C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
89	B12C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
90	B12C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
91	B12C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
92	B12C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
93	B12D01RD	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
94	B12D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
95	B12D04RD	4 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
96	B12D08RD	8 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
97	B12D12RD	12 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
98	B12D16RD	16 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
99	B12D24RD	24 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
100	B12F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
101	B12F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.

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102	B12F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
103	B12F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
104	B12F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
105	B12F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
106	B12F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
107	B12G01RD	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
108	B12G02RD	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
109	B12G04RD	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
110	B12G08RD	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
111	B12G12RD	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
112	B12G16RD	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
113	B12G24RD	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
114	B12H02RD	2 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
115	B12H04RD	4 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
116	B12H08RD	8 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
117	B12H12RD	12 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
118	B12H16RD	16 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
119	B12H24RD	24 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.

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120	B12J02RD	2 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
121	B12J04RD	4 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
122	B12J08RD	8 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
123	B12J12RD	12 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
124	B12J16RD	16 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
125	B12J24RD	24 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
126	B13C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
127	B13C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
128	B13C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
129	B13C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
130	B13C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
131	B13D01BK	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Low Level Analogue Signals N.I.S.
132	B13D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals N.I.S. Digital Alarm Status & Control Signals (except SOV) N.I.S.
133	B13F01BK	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S.
134	B13F02BK	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
135	B13F04BK	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
136	B13F08BK	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
137	B13F12BK	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.

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138	B13F16BK	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
139	B13F24BK	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S.
140	B13G01BK	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
141	B13G02BK	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
142	B13G04BK	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
143	B13G08BK	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
144	B13G12BK	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
145	B13G16BK	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
146	B13G24BK	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs.	Solenoid Valve N.I.S. Only use 2.5mm ² when to overcome "Volt Drop" problems.
147	B13C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
148	B13C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
149	B13C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
150	B13C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
151	B13C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
152	B13D01RD	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
153	B13D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.

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154	B13D04RD	4 twisted pair, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
155	B13D08RD	8 twisted pair, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
156	B13D12RD	12 twisted pair, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
157	B13D16RD	16 twisted pair, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
158	B13D24RD	24 twisted pair, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
159	B13F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
160	B13F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
161	B13F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
162	B13F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
163	B13F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
164	B13F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
165	B13F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
166	B13G01RD	Single twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
167	B13G02RD	2 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Analogue Detection Signals N.I.S.

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No	Cable Type Ref.	Description	Service
168	B13G04RD	4 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
169	B13G08RD	8 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
170	B13G12RD	12 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
171	B13G16RD	16 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
172	B13G24RD	24 twisted pair, 2.5mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Use 2.5mm2 when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S.
173	B13H02RD	2 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
174	B13H04RD	4 twisted pair, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
175	B13H08RD	8 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
176	B13H12RD	12 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
177	B13H16RD	16 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
178	B13H24RD	24 twisted pair, 4.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
179	B13J02RD	2 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire and Gas Analogue Detection Signals N.I.S.
180	B13J04RD	4 twisted pair, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
181	B13J08RD	8 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.

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182	B13J12RD	12 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
183	B13J16RD	16 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
184	B13J24RD	24 twisted pair, 6.0mm ² stranded (7/0.67), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S.
185	B15C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
186	B15C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
187	B15C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
188	B15C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
189	B15C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
190	B15D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
191	B16C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
192	B16C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
193	B16C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
194	B16C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
195	B16C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
196	B16D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
197	B16C02RD	2 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
198	B16D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)

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No	Cable Type Ref.	Description	Service
199	B16F02RD	2 twisted pair, 1.5mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
200	B16G02RD	2 twisted pair, 2.5mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
201	B17C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
202	B17C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
203	B17C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
204	B17C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
205	B17C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
206	B17D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S.
207	B17C02RD	2 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
208	B17C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
209	B17C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
210	B17C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pair	No Service
211	B17C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
212	B17C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
213	B17D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)

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No	Cable Type Ref.	Description	Service
214	B17F02RD	2 twisted pair, 1.5mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
215	B17G02RD	2 twisted pair, 2.5mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Digital Detection/Alarm Signals N.I.S. (Communication cable for H2S Open Path Gas Detector)
216	B31C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
217	B31C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
218	B31C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
219	B31C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
220	B31C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
221	B31D01RD	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	No Service
222	B31D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
223	B31F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to 60331-21.	No Service
224	B31F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
225	B31F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
226	B31F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
227	B31F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
228	B31F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
229	B31F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
230	B31G01RD	Single twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to 60331-21.	No Service
231	B31G02RD	2 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service

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No	Cable Type Ref.	Description	Service
232	B31G04RD	4 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
233	B31G08RD	8 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
234	B31G12RD	12 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
235	B31G16RD	16 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
236	B31G24RD	24 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
237	B32C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
238	B32C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
239	B32C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
240	B32C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
241	B32C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
242	B32D01BK	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Low Level Analogue Signals N.I.S. Fire Resistant
243	B32D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
244	B32F01BK	Single twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
245	B32F02BK	2 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
246	B32F04BK	4 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
247	B32F08BK	8 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant

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248	B32F12BK	12 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
249	B32F16BK	16 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
250	B32F24BK	24 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
251	B32G01BK	Single twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
252	B32G02BK	2 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
253	B32G04BK	4 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
254	B32G08BK	8 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
255	B32G12BK	12 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
256	B32G16BK	16 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
257	B32G24BK	24 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 2.5mm ² when to overcome "Volt Drop" problems
258	B32H01BK	Single twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
259	B32H02BK	2 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
260	B32H04BK	4 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
261	B32H08BK	8 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
262	B32H12BK	12 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
263	B32H16BK	16 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems

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264	B32H24BK	24 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant Only use 4.0mm ² when to overcome "Volt Drop" problems
265	B32C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
266	B32C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
267	B32C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
268	B32C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
269	B32C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
270	B32D01RD	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
271	B32D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
272	B32D04RD	4 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
273	B32D08RD	8 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
274	B32D12RD	12 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
275	B32D16RD	16 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
276	B32D24RD	24 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
277	B32F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
278	B32F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
279	B32F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant

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280	B32F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
281	B32F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
282	B32F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
283	B32F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
284	B32G01RD	Single twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
285	B32G02RD	2 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
286	B32G04RD	4 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
287	B32G08RD	8 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
288	B32G12RD	12 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
289	B32G16RD	16 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
290	B32G24RD	24 twisted pair, 2.5mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
291	B32H02RD	2 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
292	B32H04RD	4 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
293	B32H08RD	8 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
294	B32H12RD	12 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant

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295	B32H16RD	16 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
296	B32H24RD	24 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
297	B32J02RD	2 twisted pair, 6.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
298	B32J04RD	4 twisted pair, 4.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
299	B32J08RD	8 twisted pair, 6.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
300	B32J12RD	12 twisted pair, 6.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
301	B32J16RD	16 twisted pair, 6.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
302	B32J24RD	24 twisted pair, 6.0mm ² stranded (7/0.67), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
303	B34C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
304	B34C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
305	B34C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
306	B34C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
307	B34C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
308	B34D02BK	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
309	B34C02RD	2 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)

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310	B34C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
311	B34C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
312	B34C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
313	B34C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
314	B34C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
315	B34D02RD	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
316	B34F02RD	2 twisted pair, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
317	B34G02RD	2 twisted pair, 2.5mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
318	B56C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
319	B56C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
320	B56C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
321	B56C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
322	B56C24BK	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
323	B56D01BK	Single twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Low Level Analogue Signals N.I.S. Fire Resistant

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324	B56D02BK	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals N.I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) N.I.S. Fire Resistant
325	B56F01BK	Single twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
326	B56F02BK	2 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
327	B56F04BK	4 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
328	B56F08BK	8 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
329	B56F12BK	12 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
330	B56F16BK	16 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
331	B56F24BK	24 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant
332	B56G01BK	Single twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
333	B56G02BK	2 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
334	B56G04BK	4 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
335	B56G08BK	8 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
336	B56G12BK	12 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
337	B56G16BK	16 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.

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338	B56G24BK	24 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Solenoid Valve N.I.S. Fire Resistant only use 2.5mm ² when to overcome "Volt Drop" problems.
339	B56C04RD	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
340	B56C08RD	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
341	B56C12RD	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
342	B56C16RD	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
343	B56C24RD	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
344	B56D01RD	Single twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
345	B56D02RD	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
346	B56D04RD	4 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
347	B56D08RD	8 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
348	B56D12RD	12 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
349	B56D16RD	16 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
350	B56D24RD	24 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
351	B56F01RD	Single twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant

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352	B56F02RD	2 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
353	B56F04RD	4 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
354	B56F08RD	8 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
355	B56F12RD	12 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
356	B56F16RD	16 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
357	B56F24RD	24 twisted pair, 1.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
358	B56G01RD	Single twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
359	B56G02RD	2 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
360	B56G04RD	4 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
361	B56G08RD	8 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
362	B56G12RD	12 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
363	B56G16RD	16 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
364	B56G24RD	24 twisted pair, 2.5mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Solenoid Valve N.I.S. Fire Resistant Use 2.5mm ² when to overcome "Volt Drop" problems Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
365	B56H02RD	2 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant

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No	Cable Type Ref.	Description	Service
366	B56H04RD	4 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
367	B56H08RD	8 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
368	B56H12RD	12 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
369	B56H16RD	16 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
370	B56H24RD	24 twisted pair, 4.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
371	B56J02RD	2 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
372	B56J04RD	4 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
373	B56J08RD	8 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
374	B56J12RD	12 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
375	B56J16RD	16 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
376	B56J24RD	24 twisted pair, 6.0mm ² stranded (7/0.53), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
377	B57C04BK	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
378	B57C08BK	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
379	B57C12BK	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant

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No	Cable Type Ref.	Description	Service
380	B57C16BK	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
381	B57C24BK	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-2	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
382	B57D02BK	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant
383	B57C02RD	2 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
384	B57D02RD	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
385	B57F02RD	2 twisted pair, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
386	B57G02RD	2 twisted pair, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant (Communication cable for H2S Open Path Gas Detector)
387	C11C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
388	C11C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
389	C11C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
390	C11C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
391	C11D01BK	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals Low Level Analogue Signals N.I.S.
392	C11D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals Low Level Analogue Signals N.I.S.
393	C11C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
394	C11C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
395	C11C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
396	C11C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
397	C11D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
398	C11D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
399	C11D04RD	4 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.

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400	C11D08RD	8 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
401	C11D12RD	12 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
402	C11D16RD	16 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
403	C11F01RD	Single twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals N.I.S.
404	C11F02RD	2 twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
405	C11F04RD	4 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
406	C11F08RD	8 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
407	C11F12RD	12 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
408	C11F16RD	16 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
409	C11G01RD	Single twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals N.I.S.
410	C11G02RD	2 twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
411	C11G04RD	4 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
412	C11G08RD	8 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
413	C11G12RD	12 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
414	C11G16RD	16 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
415	C11H02RD	2 twisted triad, 4.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
416	C11H04RD	4 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
417	C11H08RD	8 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
418	C11H12RD	12 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
419	C11H16RD	16 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
420	C11J02RD	2 twisted triad, 6.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
421	C11J04RD	4 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
422	C11J08RD	8 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
423	C11J12RD	12 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.

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No	Cable Type Ref.	Description	Service
424	C11J16RD	16 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
425	C12C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
426	C12C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
427	C12C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
428	C12C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
429	C12D01BK	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S Low Level Analogue Signals N.I.S.
430	C12D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
431	C12C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
432	C12C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
433	C12C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
434	C12C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
435	C12D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
436	C12D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S. Fire and Gas Digital Detection/Alarm Signals N.I.S.
437	C12D04RD	4 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
438	C12D08RD	8 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
439	C12D12RD	12 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
440	C12D16RD	16 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
441	C12F01RD	2 twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red,.	Fire and Gas Analogue Detection Signals N.I.S.
442	C12F02RD	2 twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.

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443	C12F04RD	4 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
444	C12F08RD	8 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
445	C12F12RD	12 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
446	C12F16RD	16 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
447	C12G01RD	Single twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals N.I.S.
448	C12G02RD	2 twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
449	C12G04RD	4 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
450	C12G08RD	8 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
451	C12G12RD	12 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
452	C12G16RD	16 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
453	C12H02RD	2 twisted triad, 4.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
454	C12H04RD	4 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
455	C12H08RD	8 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
456	C12H12RD	12 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
457	C12H16RD	16 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
458	C12J02RD	2 twisted triad, 6.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
459	C12J04RD	4 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
460	C12J08RD	8 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.

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461	C12J12RD	12 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
462	C12J16RD	16 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals N.I.S.
463	C13C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
464	C13C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service D
465	C13C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
466	C13C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
467	C13D01BK	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S. Low Level Analogue Signals N.I.S.
468	C13D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
469	C13C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
470	C13C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
471	C13C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
472	C13C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
473	C13D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
474	C13D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
475	C13D04RD	4 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
476	C13D08RD	8 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.

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477	C13D12RD	12 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
478	C13D16RD	16 twisted triad, 1.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
479	C13F01RD	Single twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
480	C13F02RD	2 twisted triad, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
481	C13F04RD	4 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
482	C13F08RD	8 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
483	C13F12RD	12 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
484	C13F16RD	16 twisted triad, 1.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
485	C13G01RD	Single twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
486	C13G02RD	2 twisted triad, 2.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
487	C13G04RD	4 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
488	C13G08RD	8 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
489	C13G12RD	12 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
490	C13G16RD	16 twisted triad, 2.5mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
491	C13H02RD	2 twisted triad, 4.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant

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492	C13H04RD	4 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
493	C13H08RD	8 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
494	C13H12RD	12 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
495	C13H16RD	16 twisted triad, 4.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
496	C13J02RD	2 twisted triad, 6.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
497	C13J04RD	4 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
498	C13J08RD	8 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
499	C13J12RD	12 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
500	C13J16RD	16 twisted triad, 6.0mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S.
501	C15C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
502	C15C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
503	C15C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
504	C15C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
505	C15D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
506	C16C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
507	C16C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.

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508	C16C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
509	C16C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
510	C16D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
511	C17C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
512	C17C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
513	C17C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
514	C17C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
515	C17D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals N.I.S. Digital Signals (Frequency or Pulse) N.I.S. Resistance Thermometer Signals N.I.S./I.S.
516	C17C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
517	C17C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
518	C17C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
519	C17C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
520	C17D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
521	C31C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
522	C31C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service

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No	Cable Type Ref.	Description	Service
523	C31C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
524	C31C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
525	C31D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	No Service
526	C31D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	No Service
527	C32C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
528	C32C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
529	C32C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
530	C32C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
531	C32D01BK	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	No Service
532	C32D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
533	C32C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
534	C32C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
535	C32C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
536	C32C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
537	C32D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
538	C32D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant

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539	C32D04RD	4 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
540	C32D08RD	8 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
541	C32D12RD	12 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
542	C32D16RD	16 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
543	C32F01RD	Single twisted triad, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
544	C32F02RD	2 twisted triad, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
545	C32F04RD	4 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
546	C32F08RD	8 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
547	C32F12RD	12 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
548	C32F16RD	16 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
549	C32G01RD	Single twisted triad, 2.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
550	C32G02RD	2 twisted triad, 2.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
551	C32G04RD	4 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
552	C32G08RD	8 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
553	C32G12RD	12 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant

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554	C32G16RD	16 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
555	C32H02RD	2 twisted triad, 4.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
556	C32H04RD	4 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
557	C32H08RD	8 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
558	C32H12RD	12 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
559	C32H16RD	16 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
560	C32J02RD	2 twisted triad, 6.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
561	C32J04RD	4 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
562	C32J08RD	8 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
563	C32J12RD	12 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
564	C32J16RD	16 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
565	C33C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
566	C33C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
567	C33C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
568	C33C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service

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No	Cable Type Ref.	Description	Service
569	C33D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
570	C34C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
571	C34C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
572	C34C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
573	C34C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
574	C34D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
575	C34C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
576	C34C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
577	C34C12RD	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
578	C34C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
579	C34D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
580	C56C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
581	C56C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
582	C56C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service

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No	Cable Type Ref.	Description	Service
583	C56C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
584	C56D01BK	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant Low Level Analogue Signals N.I.S. Fire Resistant
585	C56D02BK	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
586	C56C04RD	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
587	C56C08RD	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
588	C56C08RD	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
589	C56C16RD	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
590	C56D01RD	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
591	C56D02RD	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals N.I.S. Fire Resistant
592	C56D04RD	4 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
593	C56D08RD	8 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
594	C56D12RD	12 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
595	C56D16RD	16 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
596	C56F01RD	Single twisted triad, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant

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597	C56F02RD	2 twisted triad, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
598	C56F04RD	4 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
599	C56F08RD	8 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
600	C56F12RD	12 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
601	C56F16RD	16 twisted triad, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
602	C56G02RD	2 twisted triad, 2.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
603	C56G01RD	1 twisted triad, 2.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
604	C56G04RD	4 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
605	C56G08RD	8 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
606	C56G12RD	12 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
607	C56G16RD	16 twisted triad, 2.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
608	C56H02RD	2 twisted triad, 4.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
609	C56H04RD	4 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
610	C56H08RD	8 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant

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611	C56H12RD	12 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
612	C56H16RD	16 twisted triad, 4.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
613	C56J02RD	2 twisted triad, 6.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
614	C56J04RD	4 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
615	C56J08RD	8 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
616	C56J12RD	12 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
617	C56J16RD	16 twisted triad, 6.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals N.I.S. Fire Resistant
618	C57C04BK	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
619	C57C08BK	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
620	C57C12BK	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
621	C57C16BK	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant
622	C57D02BK	2 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals N.I.S. Fire Resistant Digital Signals (Frequency or Pulse) N.I.S. Fire Resistant Resistance Thermometer Signals N.I.S./I.S. Fire Resistant

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10.2 Signal Cable (Intrinsically Safe)

No	Cable Type Ref.	Description	Service
1	B11C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
2	B11C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
3	B11C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
4	B11C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S.
5	B11C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S.
6	B11D01BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
7	B11D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S.
8	B11C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
9	B11C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
10	B11C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
11	B11C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
12	B11C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
13	B11D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
14	B11D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
15	B12C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
16	B12C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
17	B12C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
18	B12C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.

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No	Cable Type Ref.	Description	Service
19	B12C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
20	B12D01BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
21	B12D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
22	B12C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
23	B12C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
24	B12C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
25	B12C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
26	B12C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
27	B12D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
28	B12D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
29	B13C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
30	B13C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
31	B13C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
32	B13C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
33	B13C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.
34	B13D01BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S. Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
35	B13D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Analogue Signals I.S. Digital Alarm Status & Control Signals (except SOV) I.S.

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36	B13C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
37	B13C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
38	B13C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
39	B13C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
40	B13C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
41	B13D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
42	B13D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
43	B15C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
44	B15C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
45	B15C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
46	B15C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
47	B15C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
48	B15D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
49	B16C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
50	B16C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
51	B16C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.

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52	B16C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
53	B16C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
54	B16D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
55	B17C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
56	B17C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
57	B17C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
58	B17C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
59	B17C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
60	B17D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
61	B17C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
62	B17C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
63	B17C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
64	B17C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
65	B17C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service
66	B17D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), PE insulated, Individual Pair Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, and numbered pairs.	No Service

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No	Cable Type Ref.	Description	Service
67	B31C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
68	B31C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
69	B31C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
70	B31C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
71	B31C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
72	B31D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	No Service
73	B31D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
74	B32C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
75	B32C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
76	B32C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
77	B32C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
78	B32C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
79	B32D01BL	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant Low Level Analogue Signals I.S. Fire Resistant
80	B32D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
81	B32C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant

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82	B32C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
83	B32C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
84	B32C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
85	B32C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
86	B32D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
87	B32D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
88	B34C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
89	B34C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
90	B34C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
91	B34C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
92	B34C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
93	B34D02BL	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
94	B34C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
95	B34C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service

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96	B34C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
97	B34C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
98	B34C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual Pair Screen, Plastic tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
99	B34D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	No Service
100	B56C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
101	B56C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
102	B56C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
103	B56C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
104	B56C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
105	B56D01BL	Single twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant Low Level Analogue Signals I.S. Fire Resistant
106	B56D02BL	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Analogue Signals I.S. Fire Resistant Digital Alarm Status & Control Signals (except SOV) I.S. Fire Resistant
107	B56C04RD/BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
108	B56C08RD/BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant

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109	B56C12RD/BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
110	B56C16RD/BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
111	B56C24RD/BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
112	B56D01RD/BL	Single twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
113	B56D02RD/BL	2 twisted pair, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
114	B57C04BL	4 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
115	B57C08BL	8 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
116	B57C12BL	12 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
117	B57C16BL	16 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
118	B57C24BL	24 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
119	B57D02BL	2 twisted pair, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, and numbered pairs. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
120	C11C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
121	C11C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
122	C11C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service

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123	C11C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
124	C11D01BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
125	C11D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
126	C11C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
127	C11C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
128	C11C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
129	C11C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
130	C11D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
131	C11D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
132	C12C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
133	C12C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
134	C12C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
135	C12C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
136	C12D01BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
137	C12D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	No Service
138	C12C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
139	C12C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
140	C12C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
141	C12C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.

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No	Cable Type Ref.	Description	Service
142	C12D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
143	C12D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
144	C13C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
145	C13C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
146	C13C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
147	C13C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
148	C13D01BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red.	Digital Signals (Frequency or Pulse) I.S. Low Level Analogue Signals I.S.
149	C13D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
150	C13C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
151	C13C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
152	C13C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
153	C13C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
154	C13D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
155	C13D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire and Gas Digital Detection/Alarm Signals I.S.
156	C15C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
157	C15C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.

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No	Cable Type Ref.	Description	Service
158	C15C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
159	C15C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
160	C15D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
161	C16C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
162	C16C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
163	C16C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
164	C16C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
165	C16D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
166	C17C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
167	C17C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
168	C17C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
169	C17C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
170	C17D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Light Blue PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	Low Level Analogue Signals I.S. Digital Signals (Frequency or Pulse) I.S.
171	C17C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
172	C17C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
173	C17C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service

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No	Cable Type Ref.	Description	Service
174	C17C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
175	C17D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), PE insulated, Individual triad Screen, Plastic Tape, AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Red/Blue stripe PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black, Red and numbered triads.	No Service
176	C31C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
177	C31C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
178	C31C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
179	C31C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath 500V. To EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
180	C31D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	No Service
181	C31D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red and numbered triads. Fire Resistant to IEC 60331-21.	No Service
182	C32C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
183	C32C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
184	C32C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
185	C32C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
186	C32D01BL	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Digital Signals (Frequency or Pulse) I.S. Fire Resistant Low Level Analogue Signals I.S. Fire Resistant
187	C32D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
188	C32C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
189	C32C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant

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No	Cable Type Ref.	Description	Service
190	C32C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
191	C32C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
192	C32D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
193	C32D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
194	C34C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
195	C34C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
196	C34C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
197	C34C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
198	C34D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
199	C34C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
200	C34C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
201	C34C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
202	C34C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service

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No	Cable Type Ref.	Description	Service
203	C34D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen, Red/Blue stripe LSZH Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
204	C56C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
205	C56C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
206	C56C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
207	C56C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
208	C56D01BL	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Digital Signals (Frequency or Pulse) I.S. Fire Resistant Low Level Analogue Signals I.S. Fire Resistant
209	C56D02BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	No Service
210	C56C04RD/BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
211	C56C08RD/BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
212	C56C12RD/BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
213	C56C16RD/BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
214	C56D01RD/BL	Single twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant
215	C56D02RD/BL	2 twisted triad, 1.0mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Red/Blue stripe LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Fire and Gas Analogue Detection Signals I.S. Fire Resistant Fire and Gas Digital Detection/Alarm Signals I.S. Fire Resistant

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No	Cable Type Ref.	Description	Service
216	C57C04BL	4 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
217	C57C08BL	8 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
218	C57C12BL	12 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
219	C57C16BL	16 twisted triad, 0.75mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant
220	C57D02BL	2 twisted triad, 1.0mm ² stranded (7/0.37), Mica + XLPE insulated, Individual triad Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Light Blue LSZH Sheath 500V. Generally to EN 50288-7, Core Colours White, Black, Red, and numbered triads. Fire Resistant to IEC 60331-21.	Low Level Analogue Signals I.S. Fire Resistant Digital Signals (Frequency or Pulse) I.S. Fire Resistant

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10.3 Signal Cable (Thermocouple Extension Cable)

No	Cable Type Ref.	Description	Service
1	TK11D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
2	TK11D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
3	TK11D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
4	TK11D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
5	TK11D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
6	TK11E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
7	TK11E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
8	TK12D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
9	TK12D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service)
10	TK12D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
11	TK12D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
12	TK12D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
13	TK12E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
14	TK12E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C)

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No	Cable Type Ref.	Description	Service
15	TK12F01GN	Single twisted pair 1.5mm ² solid (1/1.29mm), PE insulated, Plastic Tape, Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
16	TK12F16GN	16 twisted pair 1.5mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
17	TK12F24GN	24 twisted pair 1.5mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
18	TK13D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
19	TK13D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
20	TK13D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
21	TK13D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
22	TK13D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
23	TK13E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
24	TK13E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
25	TK15D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
26	TK15D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
27	TK15D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.

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28	TK15D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
29	TK15D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
30	TK15E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
31	TK16D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
32	TK16D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
33	TK16D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
34	TK16D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
35	TK16D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
36	TK16E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, PVC Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
37	TK17D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
38	TK17D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
39	TK17D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
40	TK17D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.

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41	TK17D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S
42	TK17E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), PE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
43	TK32D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
44	TK32D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
45	TK32D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
46	TK32D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
47	TK32D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
48	TK32E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S.
49	TK32E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
50	TK34D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
51	TK34D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
52	TK34D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
53	TK34D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance

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No	Cable Type Ref.	Description	Service
54	TK34D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
55	TK34E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
56	TK34E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Green PVC Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
57	TK56D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
58	TK56D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
59	TK56D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
60	TK56D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
61	TK56D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
62	TK56E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
63	TK56E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
64	TK57D04GN	4 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
65	TK57D08GN	8 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance

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66	TK57D12GN	12 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
67	TK57D16GN	16 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
68	TK57D24GN	24 twisted pair 1.0mm ² solid (1/1.13mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
69	TK57E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	No Service
70	TK57E02GN	2 twisted pair 1.3mm ² solid (1/1.29mm), Mica + XLPE insulated, Individual Pair Screen, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Green LSZH Sheath, 300V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) N.I.S/I.S Resistance
71	TS66E01OR	Single twisted pair 1.3mm ² solid (1/1.29mm), Heat Resistant PVC insulated, Plastic Tape, Screen, Heat Resistant PVC Sheath, SWA, Orange Heat Resistant PVC Sheath, 500V. To EN 50288-7, Core Colours Orange (+), White (-). Compensating Cable Type FR for Type S Platinum-Rhodium Alloy/Platinum T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type S T/C) High Temperature Service Up To 105 degC
72	TK67E01GN	Single twisted pair 1.3mm ² solid (1/1.29mm), FEP insulated, Plastic Tape, Screen, Green FEP Sheath, 500V. To EN 50288-7, Core Colours Green (+), White (-). Extension Cable Type KX for Type K Nickel-Chromium/Nickel-Aluminium T/C, in accordance with IEC 60584-3.	Thermocouple Signals (Type K T/C) High Temperature Service Up To 200 degC

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10.4 Power Cable

No	Cable Type Ref.	Description	Service
1	A21G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
2	A21H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
3	A21J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
4	A21K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
5	A21L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
6	A21M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
7	A21N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
8	A21P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
9	A21R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
10	A22G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
11	A22H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
12	A22J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
13	A22K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
14	A22L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
15	A22M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
16	A22N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
17	A22P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
18	A22R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
19	A24G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
20	A24H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
21	A24J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
22	A24K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power

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No	Cable Type Ref.	Description	Service
23	A24L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
24	A24M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
25	A24N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
26	A24P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
27	A24R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black.	AC Power
28	A25G02BK	2 core x 2.5mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
29	A25H02BK	2 core x 4.0mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
30	A25J02BK	2 core x 6.0mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
31	A25K02BK	2 core x 10mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
32	A25L02BK	2 core x 16mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
33	A25M02BK	2 core x 25mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
34	A25N02BK	2 core x 35mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
35	A25P02BK	2 core x 50mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
36	A25R02BK	2 core x 70mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
37	A26G02BK	2 core x 2.5mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
38	A26H02BK	2 core x 4.0mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
39	A26J02BK	2 core x 6.0mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
40	A26K02BK	2 core x 10mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
41	A26L02BK	2 core x 16mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
42	A26M02BK	2 core x 25mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant

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43	A26N02BK	2 core x 35mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
44	A26P02BK	2 core x 50mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
45	A26R02BK	2 core x 70mm ² circular, stranded, Mica + XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, Red, Black. Fire Resistant to IEC 60331-21.	AC Power Fire Resistant
46	A41G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
47	A41H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
48	A41J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
49	A41K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
50	A41L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
51	A41M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
52	A41N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
53	A41P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
54	A41R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, PVC Bedding, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
55	A42G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
56	A42H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
57	A42J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
58	A42K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
59	A42L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
60	A42M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
61	A42N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
62	A42P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
63	A42R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, PVC Bedding, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
64	A44G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power

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No	Cable Type Ref.	Description	Service
65	A44H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
66	A44J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
67	A44K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
68	A44L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
69	A44M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
70	A44N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
71	A44P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
72	A44R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power
73	A45G02BK	2 core x 2.5mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
74	A45H02BK	2 core x 4.0mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
75	A45J02BK	2 core x 6.0mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
76	A45K02BK	2 core x 10mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
77	A45L02BK	2 core x 16mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
78	A45M02BK	2 core x 25mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
79	A45N02BK	2 core x 35mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
80	A45P02BK	2 core x 50mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
81	A45R02BK	2 core x 70mm ² circular, stranded, Mica + XLPE insulated, Plastic Tape, LSZH Sheath, SWA, Black LSZH Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
82	A46G02BK	2 core x 2.5mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
83	A46H02BK	2 core x 4.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
84	A46J02BK	2 core x 6.0mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
85	A46K02BK	2 core x 10mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
86	A46L02BK	2 core x 16mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
87	A46M02BK	2 core x 25mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance

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88	A46N02BK	2 core x 35mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
89	A46P02BK	2 core x 50mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance
90	A46R02BK	2 core x 70mm ² circular, stranded, XLPE insulated, HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath To IEC 60502-1. Core Colours, White, Black.	DC Power Fire Resistance

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10.5 Fibre Optic Cable (Single Mode)

No	Cable Type Ref.	Description	Service
1	F11X02BK	Indoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Tape, Black PE or PVC Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
2	F11X04BK	Indoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Tape, Black PE or PVC Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
3	F11X06BK	Indoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Tape, Black PE or PVC Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
4	F11X12BK	Indoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Tape, Black PE or PVC Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
5	F11X24BK	Indoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Tape, Black PE or PVC Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
6	F11X02PL	Indoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
7	F11X04PL	Indoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
8	F11X06PL	Indoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
9	F11X12PL	Indoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
10	F11X24PL	Indoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
11	F11X48PL	Indoor Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
12	F11X96PL	Indoor Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode

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13	F12X02BK	Outdoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
14	F12X04BK	Outdoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
15	F12X06BK	Outdoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
16	F12X12BK	Outdoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
17	F12X24BK	Outdoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
18	F12X02PL	Outdoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
19	F12X04PL	Outdoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
20	F12X06PL	Outdoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
21	F12X12PL	Outdoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
22	F12X24PL	Outdoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
23	F12X48PL	Outdoor Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
24	F12X96PL	Outdoor Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode

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25	F14X02BK	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
26	F14X04BK	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, SWA/ PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
27	F14X06BK	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
28	F14X12BK	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
29	F14X24BK	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, SWA/PVC or STA/PE Black Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Telecommunications Fibre Optic Fibre Optic (Single Mode)
30	F14X02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
31	F14X04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
32	F14X06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
33	F14X12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
34	F14X24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
35	F14X48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode
36	F14X96PL	Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0.36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Single Mode

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37	F15X02PL	Outdoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
38	F15X04PL	Outdoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
39	F15X06PL	Outdoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
40	F15X12PL	Outdoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
41	F15X24PL	Outdoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
42	F15X48PL	Outdoor Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
43	F15X96PL	Outdoor Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
44	F16X02PL	Outdoor Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
45	F16X04PL	Outdoor Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
46	F16X06PL	Outdoor Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant

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No	Cable Type Ref.	Description	Service
47	F16X12PL	Outdoor Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
48	F16X24PL	Outdoor Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
49	F16X48PL	Outdoor Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant
50	F16X96PL	Outdoor Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Mica + XLPE insulated, HDPE/LSZH Multi layer SheathTape, STA, Black with Purple line LSZH Outer Sheath. Single Mode Fibres, 9...10/125µm, Attenuation Coefficient 0..36db/km max., Wavelength 1310nm, Dispersion Parameter 3.5ps/nm.km max. To ITU-T G652. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Single Mode Fire Resistant

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10.6 Fibre Optic Cable (Multi Mode)

No	Cable Type Ref.	Description	Service
1	F21Z02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
2	F21Z04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
3	F21Z06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
4	F21Z12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
5	F21Z24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
6	F21Z48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
7	F21Z96PL	Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Tape, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
8	F22Z02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
9	F22Z04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
10	F22Z06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
11	F22Z12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
12	F22Z24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
13	F22Z48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
14	F22Z96PL	Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, PE Sheath, Tape, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode

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No	Cable Type Ref.	Description	Service
15	F24Z02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
16	F24Z04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
17	F24Z06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
18	F24Z12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
19	F24Z24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
20	F24Z48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
21	F24Z96PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, PE Sheath, Tape, HDPE/PA Multi layer Sheath, STA, Black with Purple line PE Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded.	Data Highway/Serial Link Fibre Optic. Multi Mode
22	F25Z02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Multi Mode Fire Resistant
23	F25Z04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Multi Mode Fire Resistant
24	F25Z06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Multi Mode Fire Resistant
25	F25Z12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serial Link Fibre Optic. Multi Mode Fire Resistant

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No	Cable Type Ref.	Description	Service
26	F25Z24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
27	F25Z48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
28	F25Z96PL	Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Mica + XLPE insulated, Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
29	F26Z02PL	Fibre Optic Cable, loose filled tubes, 2 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
30	F26Z04PL	Fibre Optic Cable, loose filled tubes, 4 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
31	F26Z06PL	Fibre Optic Cable, loose filled tubes, 6 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
32	F26Z12PL	Fibre Optic Cable, loose filled tubes, 12 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
33	F26Z24PL	Fibre Optic Cable, loose filled tubes, 24 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
34	F26Z48PL	Fibre Optic Cable, loose filled tubes, 48 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant
35	F26Z96PL	Fibre Optic Cable, loose filled tubes, 96 fibres, Strain Relief Elements, Mica + XLPE insulated, Mica + XLPE insulated, HDPE/LSZH Multi layer Sheath Tape, STA, Black with Purple line LSZH Outer Sheath. Multi Mode Fibres, 62.5/125µm, Attenuation Coefficient 0.7db/km max., Wavelength 1300nm, Bandwidth 800MHz.km min. For identification each tube shall be individually colour coded. Fire Resistant to IEC 60331-21. (Vendor to advise the detail specification)	Data Highway/Serail Link Fibre Optic. Multi Mode Fire Resistant

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10.7 Telecommunication Cable

No	Cable Type Ref.	Description	Service
1	B101V02BK	2 twisted pair, 22 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
2	B101V10BK	10 twisted pair, 22 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
3	B101V20BK	20 twisted pair, 22 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
4	B101V50BK	50 twisted pair, 22 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
5	B102W02BK	2 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
6	B102W10BK	10 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
7	B102W20BK	20 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
8	B102W50BK	50 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen, PE Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
9	B104W02BK	2 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
10	B104W10BK	10 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
11	B104W20BK	20 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone
12	B104W50BK	50 twisted pair, 20 AWG solid conductors, Foam PE insulated, Plastic Sheath with jelly fill, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black LSZH Sheath, 500V. To BT CW1128D/1198C, 600Ω Characteristic Impedance.	Telecommunications Telephone

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10.8 Other Communication Cable

No	Cable Type Ref.	Description	Service
1	B62F01BK	Single twisted pair, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen, PVC Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black. Maximum Resistance 12.3 Ω/km & Maximum Capacitance 115 pF/m	Communication Cable for MOV System
2	B63F01BK	Single twisted pair, 1.5mm ² stranded (7/0.43), PE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/PA Multi layer Sheath, SWA, Black PVC Sheath, 300V. To EN 50288-7, Core Colours White, Black. Maximum Resistance 12.3 Ω/km & Maximum Capacitance 115 pF/m	Communication Cable for MOV System
3	B64F01BK	Single twisted pair, 1.5mm ² stranded (7/0.43), Mica + XLPE insulated, Plastic Tape, O/A Screen, LSZH Sheath, SWA, Black LSZH Sheath, 500V. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21. Maximum Resistance 12.3 Ω/km & Maximum Capacitance 115 pF/m	Communication Cable for MOV System Fire Resistant
4	B65F01BK	Single twisted pair, 1.5mm ² stranded (7/0.37), Mica + XLPE insulated, Plastic Tape, O/A Screen AL Tape/Drain Wire/HDPE/LSZH Multi layer Sheath, SWA, Black LSZH Sheath, 500V.. Generally to EN 50288-7, Core Colours White, Black. Fire Resistant to IEC 60331-21. Maximum Resistance 12.3 Ω/km & Maximum Capacitance 115 pF/m	Communication Cable for MOV System Fire Resistant

10.9 Earth Cable

No	Cable Type Ref.	Description	Service
1	A11G01GN	Single core 2.5mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
2	A11H01GN	Single core 4.0mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
3	A11J01GN	Single core 6.0mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
4	A11K01GN	Single core 10mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
5	A11L01GN	Single core 16mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
6	A11M01GN	Single core 25mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
7	A11N01GN	Single core 35mm ² circular, stranded, Green PVC Sheath, to IEC 60502-1	Instrument Earthing
8	A11G01YG	Single core 2.5mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
9	A11H01YG	Single core 4.0mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
10	A11J01YG	Single core 6.0mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
11	A11K01YG	Single core 10mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
12	A11L01YG	Single core 16mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
13	A11M01YG	Single core 25mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
14	A11N01YG	Single core 35mm ² circular, stranded, Yellow/Green PVC Sheath, to IEC 60502-1	Safety Earthing
15	A11G01YL	Single core 2.5mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
16	A11H01YL	Single core 4.0mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
17	A11J01YL	Single core 6.0mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
18	A11K01YL	Single core 10mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
19	A11L01YL	Single core 16mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
20	A11M01YL	Single core 25mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing
21	A11N01YL	Single core 35mm ² circular, stranded, Yellow PVC Sheath, to IEC 60502-1	Intrinsically Safe Earthing

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11 GENERAL INFORMATION FOR CABLE SUPPLY

11.1 Codes and Standards

Cables shall comply with the standards listed in this specification.

(Refer to Section 4).

11.2 Cable Construction (General)

Where Multi Layer Sheath is specified it shall consist of Aluminium Foil plastic coated on one side laid over copper drain wire, High Density Polyethylene sheath and additional Polyamide layer.

As a minimum the pair/triad group number shall be printed or embossed on the white conductor at a minimum interval of 50mm. Identifications printed onto individual core insulation shall be permanent and resist removal when abraded.

The final cable make up shall be homogenous and circular in cross section.

No splices are permitted in any cable conductors. Continuous conductors shall be used.

11.3 Testing

Contractor reserves the right to witness the cable testing immediately after Vendor shall notify Contractor two weeks prior to scheduled test date.

Factory tests on completed wire and cable shall be in accordance with the standards listed for each cable type.

Tests on each drum shall include as a minimum:

Continuity, correct marking, marking legibility, colour, dimensions and construction.

High voltage between conductor and conductor; conductor and screen (if applicable); screen and screen (if applicable); screen and armour (if applicable); conductor and armour (if no screen).

A cable test certificate for each manufactured cable shall be provided. The following additional information shall be included in the certificate:

- Resistance of each copper conductor in ohms/1000 metre at 20 deg C.
- Maximum mutual capacitance values in pF/metre.
- Maximum L/R Ratio for adjacent cores in $\mu\text{H}/\text{ohm}$.
- Maximum conductor inductance.

Vendor shall submit detail test procedure based on above requirement for Contractor's approval.

11.4 End Sealing

After testing, the ends of the cable shall be sealed by an approved method to prevent the ingress of moisture

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11.5 Drum Label

Each drum shall be identified by an indestructible label securely attached, containing the following information:

- Requisition/Item No.
- Drum number (where applicable)
- Cable type reference
- Conductor size
- Length (metres)
- Net weight and gross weight
- An arrow indication on the drum for cable pulling out
- Manufacturer's name and trade mark
- Year and month of manufacturing

11.6 Cable Marking

Each cable shall be marked along its entire length with:

- Manufacturer name
- Type of cable
- Applicable standards
- Rated voltage
- Length marking

11.7 Drum Length

Cable drum lengths shall have a positive tolerance only.

11.8 Cable Drum Colour Coding

Cable drum shall be coloured to identify associated Contractor. The colour shall be UV resistance and protected damage during shipping and transportation. Required colour coding is 6 codes for 6 Contractors.

11.9 Cable Sample

A sample 500mm length of each type of cable, clearly marked with its Type No, shall be provided to enable glands to be checked.

11.10 Cable Data

The following data, as shown in Cable Data Table, is required for each cable type. Final data shall be supplied prior to commencement of production, and shall be used to check cable samples as required

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11.11 Identification for intrinsically safe cable

In case the outer sheath for intrinsically safe cable being not blue in color as special case, Cables containing intrinsically safe signals shall have a LIGHT BLUE band, a minimum of 500mm long, applied at each end with Employer's approval. The band shall be made from thermoplastic sleeving or 25mm wide adhesive tape.

11.12 Cable Data Table

- VENDOR'S NAME	
- CABLE TYPE REFERENCES	
- CABLE WEIGHT (kg/km)	
- MAX. ALLOWABLE PULLING TENSION (kN)	
- MIN. PULLING TEMPERATURE (deg C)	
- MIN. BENDING RADIUS (mm)	
- L/R RATIO (μH/ohm)	
- MAX. MUTUAL CAPACITANCE (pF/METRE)	
- CONDUCTOR RESISTANCE (ohm /km)	
- OVERALL DIAMETER (MAX/MIN)	
- UNDER ARMOUR DIA. (MAX/MIN)	
- OVER ARMOUR DIA. (MAX/MIN)	
- ARMOUR WIRE DIA.	

Resistance, inductive and capacitance values shall be at 20 deg C