






DATA SHEET FOR ELECTRICAL JUNCTION BOX

HP02-00-EL-DAS-0002

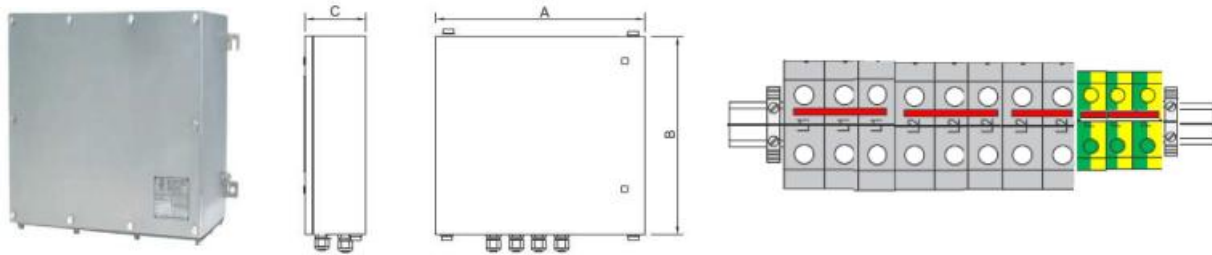
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| A | 6-Nov-23 | Issue for Review | | N.M.A | N.T.T | N.T.S | V.L.T |
| REV. NO. | DATE | DESCRIPTION | | PREP'N | CHECK | REVIEW | APPROVAL |
| REV. NO. | DISCIPLINE | PREPARATION | CHECK | REVIEW | | APPROVAL | |
| A | ELECTRICAL |  |  |  | |  | |
| | | N.M.A | N.T.T | N.T.S | | V.L.T | |

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| CLIENT: | TOP SOLVEN (VIETNAM) LIMITED LIABILITY COMPANY | DOC. NO: | HP02-00-EL-DAS-0002 |
| PROJECT: | HAI PHONG 2 PROJECT | REV. NO: | A |
| LOCATION: | DVIZ - HAI PHONG | PAGE: | 3 OF 4 |

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| | EXPLOSION-PROOF JUNCTION BOX WITH TERMINAL 16A | |
| I | GENERAL | |
| 1 | Device & model: | (VTC) |
| 2 | Manufacturers: | (VTC) |
| 3 | Country of Origin: | (VTC) |
| II | SPECIFICATION | |
| 1 | Type: | Explosion-proof, Lighting junction box (Outdoor) |
| 2 | Tag No. | TBA |
| 3 | Quantity | 2 Sets (Tank farm area & Pump station) |
| 4 | Rated current | 16A |
| 5 | Ambient temperature | -5 ⁰ C ~ +55 ⁰ C |
| 6 | Material cover and body | Copper-free aluminium or cast iron, powder coated surface; SS316 or GRP |
| 7 | Mounting type | Wall type with all Mounting accessories (Bolt sets for wall mounting) |
| 8 | Ingress protection | Min. IP65 |
| 9 | Standards | IEC 60079 |
| 10 | Hazardous area | Zone 1, Ex'e', IIB, T6 |
| 11 | Thickness | (VTA) |
| 12 | Terminal block | 6 nos Ex'e' terminal block for wire up to 6sqmm (02 x 3-pole jumper) 3 nos Ex'e' grounding terminal for wire up to 6sqmm (green/yellow), 01x3-pole jumper |
| 13 | Type of connection: | Screw connection |
| 14 | Cable Entry | M20 (02 nos for bottom entry & 02 nos for side entry) |
| 15 | Earthing bonding | Cu/PVC 1x4 Sqmm, colour yellow/green; length follow size JBs |
| 16 | Tag name | Required |
| 17 | Stop Plug | 02 Sets, Ex'e' (Note 3 & 4) |
| III | PICTURE | |
| |  | |
| IV | OTHER REQUIREMENTS | |
| 1 | Certificate for Hazardous area shall be provide by third party | |
| 2 | Sizing of JBs will be confirmed by Vendor | |
| 3 | Material of stopping plug shall be copper brass | |
| 4 | All stopping plug shall be provided by Vendor | |
| 5 | The contractor and related parties must re-check the suitability of equipment and materials for the project before placing an order or construction. | |
| 6 | VTC = VENDOR TO CONFIRM, VTA = VENDOR TO ADVISE, TBA = TO BE ADVISE | |

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| EXPLOSION-PROOF JUNCTION BOX WITH TERMINAL 32A | |
|--|---|
| I | GENERAL |
| 1 | Device & model: (VTC) |
| 2 | Manufacturers: (VTC) |
| 3 | Country of Origin: (VTC) |
| II | SPECIFICATION |
| 1 | Type: Explosion-proof, Power supply junction box (Outdoor) |
| 2 | Tag No. JBP-0702 / JBP-0502 |
| 3 | Quantity 2 Sets |
| 4 | Rated current Up to 32A |
| 5 | Ambient temperature -5°C ~ +55°C |
| 6 | Material cover and body Aluminium Alloy or SS316 |
| 7 | Mounting type Wall type / Steel support with all Mounting accessories (Bolt sets for wall mounting) |
| 8 | Ingress protection IP 66 |
| 9 | Standards IEC 60079 |
| 10 | Hazardous area Zone 1, Ex'e', IIB, T6 |
| 11 | Thickness VTA |
| 12 | Terminal block 8 nos Ex'e' terminal block for wire up to 6sqmm (02 x 3-pole & 01 x 2-pole jumper) 3 nos Ex'e' grounding terminal for wire up to 6sqmm (green/yellow), 01x3-pole jumper |
| 13 | Type of connection: Screw connection |
| 14 | Cable Entry M20 (06 nos for bottom entry) |
| 15 | Earthing bonding Cu/PVC 1x4 Sqmm, colour yellow/green; length follow size JBs |
| 16 | Tag name Required |
| 17 | Stop Plug 03 Sets, Ex'e' (Note 3 & 4) |
| III | PICTURE |
|  | |
| IV | OTHER REQUIREMENTS |
| 1 | Certificate for Hazardous area shall be provide by third party |
| 2 | Sizing of JBs will be confirmed by Vendor |
| 3 | Material of stopping plug shall be copper brass |
| 4 | All stopping plug shall be provided by Vendor |
| 5 | The contractor and related parties must re-check the suitability of equipment and materials for the project before placing an order or construction. |
| 6 | VTC = VENDOR TO CONFIRM, VTA = VENDOR TO ADVISE, TBA = TO BE ADVISE |