

## PART 1 - GENERAL

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| <u>1.1 SECTION INCLUDES</u> | .1 | Materials and installation for wire and box connectors. |
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| <u>1.2 REFERENCES</u> | .1 | Canadian Standards Association (CSA International)<br>.1 CAN/CSA-C22.2 No.18-98, Outlet Boxes, Conduit Boxes, Fittings and Associated Hardware.<br>.2 CSA C22.2 No.65-93(R1999), Wire Connectors. |
|                       | .2 | Electrical and Electronic Manufacturers' Association of Canada (EEMAC)<br>.1 EEMAC 1Y-2, 1961 Bushing Stud Connectors and Aluminum Adapters (1200 Ampere Maximum Rating).                         |
|                       | .3 | National Electrical Manufacturers Association (NEMA)  |

## PART 2 - PRODUCTS

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| <u>2.1 MATERIALS</u> | .1 | Pressure type wire connectors to: CSA C22.2 No.65, with current carrying parts of copper sized to fit copper conductors as required.                       |
|                      | .2 | Fixture type splicing connectors to: CSA C22.2 No.65, with current carrying parts of copper or copper alloy sized to fit copper conductors 10 AWG or less. |
|                      | .3 | Clamps or connectors for armoured cable, flexible conduit, as required to: CAN/CSA-C22.2 No.18.  |
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PART 3 - EXECUTION

- 3.1 INSTALLATION .1 Remove insulation carefully from ends of conductors and:
- .1 Apply coat of zinc joint compound on aluminum conductors prior to installation of connectors.
  - .2 Install mechanical pressure type connectors and tighten screws with appropriate compression tool recommended by manufacturer. Installation shall meet secureness tests in accordance with CSA C22.2 No.65.
  - .3 Install fixture type connectors and tighten. Replace insulating cap.
  - .4 Install bushing stud connectors in accordance with EEMAC 1Y-2 NEMA.