

PART 1 - GENERAL

1.1 RELATED SECTIONS .1 Section 26 05 20 - Wire and Box Connectors - 0 - 1000 V.

1.2 REFERENCES .1 CSA C22.2 No .0.3-96, Test Methods for Electrical Wires and Cables.

1.3 PRODUCT DATA .1 Submit product data.

PART 2 - PRODUCTS

2.1 BUILDING WIRES .1 Conductors: stranded for 8 AWG and larger.
.2 Copper conductors: size as indicated, with 600 or 1000 V insulation of chemically cross-linked thermosetting polyethylene material rated RW90.
.3 Copper conductors: size as indicated, with thermoplastic insulation Type TW rated at 300 V.

2.2 CONTROL CABLES .1 Type LVT: 2 soft annealed copper conductors, sized as indicated, with thermoplastic insulation, outer covering of thermoplastic jacket.
.2 Twisted Shielded Cable (Non-Plenum Rated): Single twisted pair 18/2 polyethylene insulated copper conductors, aluminum foil shield, tinned copper drain wire. Outer PVC jacket. Non plenum rated.
.3 All control wiring for this project to be installed in conduit.
.4 Twisted Shielded Cable (Plenum Rated): Single twisted pair 18/2 teflon insulated conductors, aluminum foil shield, tinned copper drain wire. Outer teflon jacket. Classified for use in air plenums.

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PART 3 - EXECUTION Not Applicable

END
