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ISO 9001: 2015

PRODUCT DATA SHEET

Part No: 79-4001

CERTIFICATIONS AND CONSTRUCTION SPECIFICATIONS

Description 1 Conductor 4/0 AWG, 1KV CSA RW90/Tray Cable

Specification Reference CSA C22.2 No. 38 / UL 44 Thermoset Insulated Wires and Cables
 CSA C22.2 No. 230 Tray Cables

Conductor 4/0 AWG 19 Strand Bare Copper - Concentric, Compact

ASTM Standard ASTM B8, B496

Conductor Diameter 0.475" / 12.07 mm

Insulation Type Flame Retardant Cross Linked Polyethylene RW90

Insulation Thickness 0.080" / 2.03 mm

Conductor Identification Black

Ripcord Polyester Ripcord included under the jacket

Jacket Flame Retardant PVC

Jacket Thickness 0.045" / 1.14 mm (minimum average)

Overall Cable Diameter 0.739" / 18.77 mm

Jacket Print DECA 1/C 4/0 (107.2 mm²) 1000V CSA RW90 TC 90C WET/90C DRY XLPE SUN RES
 DIRECT BURIAL -40C FT4 LL83251 ---- ROHS
 work order #, month, year, metre markings (every 1 metre)

ELECTRICALS

Voltage 1000V

Conductor Resistance 0.16 Ohms/KM @20C 0.05 Ohms/Mft @20C

Allowable Ampacity 360 (as per Table 1 of the CEC; 75'C)
 405 (as per Table 1 of the CEC; 90'C)

APPLICATIONS AND PHYSICAL PROPERTIES

Applications Hazardous Locations: Class I, Zone 2, Class II, Zone 22 (Div2)

Flame Test Rating CSA FT4

Temperature Rating -40C to 90C Wet/90C Dry

ROHS Compliant

Cable Weight 1202 kgs/km 808 lbs/1000ft

Copper Content 973 kgs/km 654 lbs/1000ft

Max Pull Tension (Eye) 1057 kgs 2330 lbs

Min Bending Radius 152 mm (installed) 6.00 inches (installed)

Maximum Cable Length 2025 metres 6644 feet

Min Install Temperature -25C

Rev. 002

21-Dec-18