373.7-925 TINNED CU DLO EPR/HYPALON 2KV BLACK

Specifications

* ASTM B33: Standard Specification for Tin-Coated Soft or Annealed Copper Wire
* ASTM B172: Standard Specification for Rope-Lay-Stranded Copper Conductors Having Bunch-Stranded Copper Conductors
* UL 44: Thermoset-Insulated Wires and Cables
* UL 1685: Vertical-Tray Fire Propagation and Smoke Release Test
* UL 2806: Heavy Duty Flexible Power Cable (HDFPC-DLO)
* CSA C22.2 No. 38: Thermoset-insulated wires and cables
* CSA C22.2 No.230: Tray Cables - Rated TC
* ICEA S-95-658: (NEMA WC70) Power Cables Rated 2000 Volts or Less for the Distribution of Electrical Energy
* IEEE 1202: FT4 Flame Test (70,000) BTU/hr Vertical Tray Test

Cable image is for reference only and does not depict actual cable construction

Construction

1) Conductor: Flexible Stranded Rope-Lay Class I Tinned Copper per ASTM B33 and B172
2) Binder Tape: Mylar Tape
3) Insulation: Black Thermoset Ethylene Propylene Diene Monomer (EPDM)
4) Jacket: Black, Chlorosulfonated Polyethelene (CSPE)

Application and Features

HDFPC-DLO is a 2kV flexible power cable with a variety of possible applications such as but not limited to: Drilling rigs, railroad and transit car wiring, mining and other industrial equipment, and as flexible motor leads and wind turbine applications. The cable is suited for use in wet and dry areas, conduits, ducts, troughs, trays, and where superior electrical properties are desired. HDFPC-DLO is oil, heat, flame, abrasion, and sunlight resistant. Approved for use per the NEC® as Type RHH/RHW-2 and per the CE Code as 2kV Type RW90. These cables are capable of operating continuously at the conductor temperature not in excess of 90°C for normal operation in wet and dry locations, 130°C for emergency overload, and 250°C for short circuit conditions. Rated For CT Use.

Print Legend

{SQFTG} 373.7 KCMIL 925 STRAND CLASS I (191{mm2}) TYPE RHH OR RHW-2 2KV (-40°C) SUN RES FOR CT USE FT4/IEEE 1202 (UL) E30117 --- AIW™ --- CSA LL90458 RW90 EP 1KV (-40°C) EP/JKT OIL RES TC FT4 --- EPR/HYP 2KV DIESEL LOCOMOTIVE CABLE P-7K-136047-1-MSHA

Stock Code	Conductor Size (Strands)	Conductor Diam	Insulation Thickness	Approx. Overall OD	Approx. Weight	Min Bend Radius	Max Pull Tension	Ampacity 75C/90ºC
-	AWG	inches	mils	inches	lbs. /1,000'	inches	lbs.	amps
571249	373.7	0.705	95	1.037	1343	5.2	2989	323/365

* Dimensions are nominal and subject to normal manufacturing tolerances.
* Sample print legend, actual may vary.

Table 310.16 NEC 2020 Ampacities of insulated conductors not more than 3 current carrying in raceway, cable or earth (direct buried)

Cust. Spec Approval: _____

Drn/Chk By:	KW	Req By:	JN	4/9/2024
Ticket #:	68859	Drw #:	KW14142	Rev: 1

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