EPR/CTS/PVC Power, Type MV-105

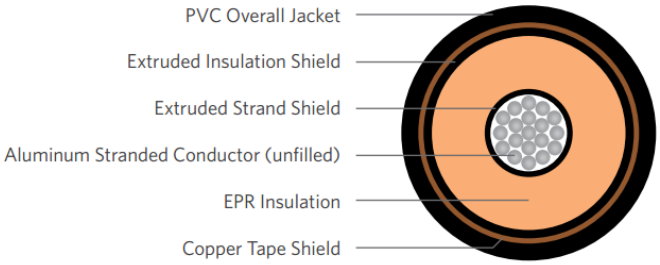
Series E8MLE-B23F01CA00

DESCRIPTION

The Medium Voltage, EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of Aluminum stranded conductors, covered with ethylene propylene rubber (EPR), copper tape shield, and black PVC jacket. These cables are used in industrial power circuits.

PRODUCT NAME

EPR/CTS/PVC Power, Type MV-105



APPLICATION

- In conduit, duct, free air, raceways and direct burial, primary installations include cable trays, and outdoor locations.
- In direct burial if installed in a system with a ground that is in close proximity, and conforms with NEC 250.4 (A)(5)
- In wet or dry locations

SPECIFICATIONS

Conductor	Aluminum 1350 compressed lay stranded Class B
Insulation	EPR
Shield	5mil - copper tape shield with 25% Overlap
Jacket	PVC

Packaging	Non-returnable reels
Performance	ASTM B-230 and B-231 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 IEEE 1202 NEC
Other Compliances	EPA 40 CFR, Part 261 OSHA

1/C 750kcmil 61-wires Aluminum (Unfilled), 35kV 100% 345mils EPR, Type MV-105

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size Gauge (AWG/kcmil)	Cond Diameter (in.)	Insulation Diameter (in.)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight lbs./MFT	Ampacity	
							In Air[4]	Duct[5]
E8MLE-B23F01CA00	750	0.958	1.73	0.110	2.010	2,235	540	490

The dimensions and weights shown are nominal and subject to industry standards. Other designs available upon request

[4]Ampacities are in accordance with NEC table 310.60(C)(78), for MV-105, 5001-35,000 Volts, for conduit in air.

[5]Ampacities are in accordance with NEC table 310.60(C)(74), for MV-105, 5001-35,000 Volts, for underground electrical duct, one circuit.