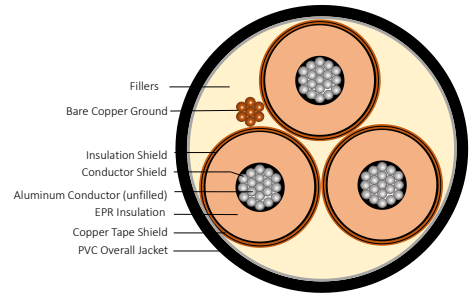


EPR/CTS/PVC Power, Type MV-105, 15kV (133%)

Part Number: E8JLR-4A3F03CB00

DESCRIPTION

The Medium Voltage, 3C EPR/Cu Tape Shield/PVC, Type MV-105 Cable consists of three compressed strand aluminum Al-1350 conductors, covered with ethylene rubber (EPR), copper tape shield, bare copper ground and black PVC jacket. These cables are used in industrial power circuits.



APPLICATION

- In conduit, duct, free air, and raceways, primary installations include cable trays, and outdoor locations
- Approved for Class I, Div. 2 industrial hazardous locations per NEC
- Designed to operate continuously at a conductor temperature not exceeding
 - » 105°C for normal operations
 - » 140°C for emergency overload
 - » 250°C for short circuit

SPECIFICATIONS

Conductor	Aluminum 1350, Class B unfilled compressed strand	Packaging	Non-returnable reels
Insulation	EPR	Performance Compliance	ASTM B231 ASTM B8 UL 1072 ICEA S-93-639 ICEA S-97-682 AEIC CS8 UL 1685 Flame Test NEC
Phase Identification	Color ribbons in each phase (standard: black-red-blue)	Other Compliances	EPA 40 CFR, Part 261 OSHA
Shield	5 mil annealed copper tape helically applied with 25% overlap		
Ground Conductor	4 AWG Copper, Class B compressed strand		
Overall Jacket	Polyvinyl Chloride (PVC)		

3C 4/0 AWG Al-1350 15kV Unfilled 133% 220mils EPR CU Tape Shield, 4 AWG Copper Ground, PVC Jacket

PART NUMBER AND PHYSICAL CHARACTERISTICS

Part Number	Conductor Size (AWG/kcmil)	Conductor Diameter (in.)	Insulation Diameter (in.)	Ground Size (AWG/kcmil)	Jacket Thickness (in.)	Overall Diameter (in.)	Net Weight (lbs./MFT)
E8JLR-4A3F03CB00	4/0	0.512	0.988	4	0.115	2.53	2,7800

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

