

MV INSULATION PIERCING CONNECTOR

This specification details the MV (medium voltage) Insulation Piercing Connector for Cu/Al, main (run): #1/0 AWG - 350 MCM; tap: #1/0 AWG - 350 MCM

Features

- Piercing technology for both the main and the tap.
- Innovative polymeric spring system, which ensures that no stress relaxation occurs.
- Replaces the connectors that require the stripping of the cable's jacket, which makes the connection more reliable, precise and faster.

General	
Material - Upper body	Polyamide
Material - Lower body	Polyamide
Material - Compensator bushing	Rubber
Material - Upper cover	Polyamide
Material - Morse taper	High-density polyethylene
Material - Waterproof sealing	Elastomer
Material - End cap	Elastomer
Material - Piercing teeth	Copper
Material - Torque limiting (shear) nut	Polyamide
Material - Lower cover	Polyamide
Material - Self-locking nut	Stainless steel
Material - Washer	Stainless steel
Material - Hex bolt	Stainless steel
Plated	Y
Plating type	Tinned (piercing teeth)

Electrical ratings	
Rated voltage	Up to and including 25 kV

Dimensions	
Dimensions	2.41 in x 3.50 in x 6.50 in
Height	6.50 in
Length	1.97 in
Weight	0.906 lb
Width	3.50 in



Representative image

Conductor Related	
Conductor Main (run) - Size range	1/0 AWG - 350 MCM
Conductor Tap - Size range	1/0 AWG - 350 MCM
Conductor Diameter (Main) Maximum	0.679 in
Conductor Diameter (Main) Minimum	0.368 in
Conductor Diameter (Tap) Maximum	0.679 in
Conductor Diameter (Tap) Minimum	0.368 in
Conductor Diameter Range (Main)	0.368 - 0.679 in
Conductor Diameter Range (Tap)	0.368 - 0.679 in

Logistics	
Packaging Type	Box

Product Assets

Technical catalog of products
Sales Drawing - 3030950003
Specification - 3030950003