

CODE: P432069
Item: Insulation Piercing Connector IOS-74

PRODUCT TECHNICAL SPECIFICATION

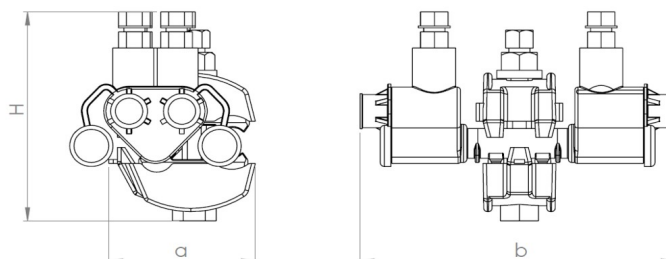
Description: Insulation piercing connector with adapter (IOS-74) is designed for branching of main ABC cable lines mostly for household connection. Connector is used for aluminum and copper conductors. During assembly and installation, insulation of main line should not be removed. Only insulation for branch line has to be removed for designated length. Connector is developed to be installed on the energized lines. Test voltage 6kV/50Hz for 1min.



Main line cross-section: 25-150 mm²
Main line diameter: 8.6-18.6 mm
Branch line cross-section: 4X(6-35) mm²
Branch line diameter: 4.8-10.9 mm
Tightening torque:
Connector: Al-18Nm / PI-22 Nm (shear-head)
Adapter: 5Nm (shear-head)

Dimensions

a [mm] 69 ± 1 mm
b [mm] 143 ± 1 mm
H [mm] 115 ± 1 mm



Other characteristics

Elec. contact material: Copper alloy (other per client request)
Bolt: 1 x M8 on connector and 4 bolt on adapter
Coating: Galvanized (other per client request)
Body and sealant: Weather and UV resistant Polyamide and water-tightness elastomer
Nut with share-head: Aluminum alloy or Polyamide, 13mm
Insulation cap: UV and weather resistant elastomer
Washer: Steel
Required tools: 13 mm wrench
Marking: PLAMEN, IOS-74, 25-150/4x(6-35), P432069, Date
Standard: EN 50483-4

Packing:

Product weight: 371.00g per piece
Bag packing: - pcs
Box packing: 20 pcs
Box BRUTO weight: 7.91 kg

