

CODE: P432081
Item: Insulation Piercing Connector IOS-41

PRODUCT TECHNICAL SPECIFICATION

Description: Insulation piercing connector IOS-41 is designed for branching of main ABC cable lines mostly for lighting services. Connector is used for aluminum and copper conductors. During assembly and installation, insulation of main and branch lines should not be removed. Connector is developed to be installed on the energized lines. Test voltage 6kV/50Hz for 1 min.

Main conductor cross-section: 6-95 mm²

Main conductor diam.: 4.6-15.7 mm

Branch conductor cross-section: 1.5-16 mm² (Aluminum max 16 mm² and/or Copper max 10 mm²)

Branch conductor diam.: 3.0-7.0 mm

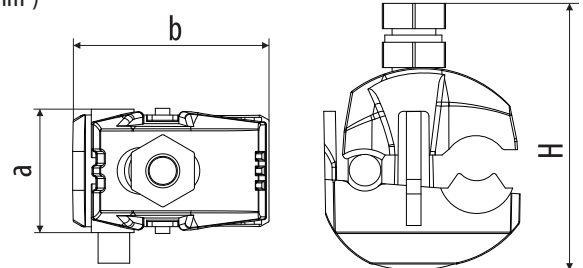
Tightening torque: 7 Nm (shear-head)

Dimensions

a [mm] 31 ± 2 mm

b [mm] 36 ± 2 mm

H [mm] 60 ± 2 mm



Other characteristics

Elec. contact material: Aluminum alloy (other as per Clients request)

Bolt: 1 x M6

Coating: Galvanized (other as per clients request)

Body and sealant: Weather and UV resistant Polyamide and water -tightness elastomer

Nut with shear-head: Aluminum alloy, 13mm

Insulation cap: UV and weather resistant elastomer

Washer: Steel

Required tools: 13 mm wrench

Marking: PLAMEN, IOS-41, 6-95/1.5-16, P432041

Standard: EN 50483-4

Packing

Product weight: 57.00g per piece

Bag packing: 50 pcs

Box packing: 250 pcs

Box BRUTO weight: 14.77 kg

