

**CODE:** P432078  
**Item:** Insulation Piercing Connector IOS-43

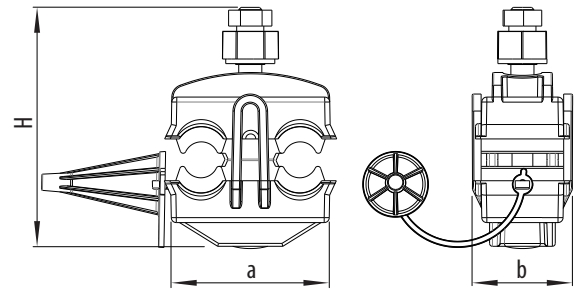
## PRODUCT TECHNICAL SPECIFICATION

**Description:** Insulation piercing connector IOS-43 is designed for branching of main uninsulated conductor lines to ABC or insulated branch lines. During assembly and installation, insulation of branch line should not be removed.

**Main conductor cross-section:** 6-150 mm<sup>2</sup> (bare conductor)  
**Main conductor diam.:** 3.3-17.5 mm  
**Branch conductor cross-section:** 16-95 mm<sup>2</sup> (Insulated Aluminum and/or Copper conductor)  
**Branch conductor diam.:** 7.0-15.7 mm  
**Tightening torque:** 15 Nm (shear-head)

### Dimensions

**a [mm]** 60 ± 2 mm  
**b [mm]** 35 ± 2 mm  
**H [mm]** 85 ± 2 mm



### Other characteristics

**Elec. contact material:** Aluminum alloy (other as per Clients request)  
**Bolt:** 1 x M8  
**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  
**Insulation cap:** UV and weather resistant elastomer  
**Washer:** Steel  
**Required tools:** 13 mm wrench  
**Marking:** PLAMEN, IOS-43, 6-150/16-95, production date  
**Standard:** EN 50483-4

### Packing

**Product weight:** 116.00g per piece  
**Bag packing:** 50 pcs  
**Box packing:** 100 pcs  
**Box BRUTO weight:** 12.02 kg

