



SLIW52

Name: **Insulation piercing connector**
 16-150 mm² / 1.5-16 mm², Waterproof

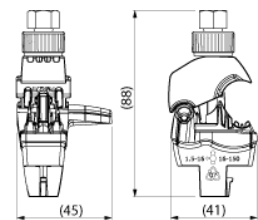
Type: SLIW52

GTIN: 6438100312114

Description: SLIW52 is for use with insulated aluminium or copper conductors. Fully insulated bolt provides safe live line working. Both main and branch conductor insulations are pierced by single bolt action. Test voltage 6 kV/50 Hz/1 min in water. Connector's design enables live line installation without peeling insulation from conductor.

Package: 60/3780

Unit: PCS



Technical specification

Electrical values

Test voltage in water 6 kV / 50 Hz / 1 min

Ratings

ETIM class EC001062

Mechanical

Tightening torque 11±1 Nm

Dimensions

Weight 0.06 kg

Main conductor mm² 16-150

Branch conductor mm² 1,5-16

Conductor diameter mm 7.0-18.6 / 3.0-7.8

ETIM

Material main conductor Aluminium/copper

Material branch conductor Aluminium/copper

Clamping channel opening main conductor Both sides open

Clamping channel opening branch conductor One side open

Surface protection Tinned

Type of connection Insulation piercing connector IPC

Use: Connection when using insulated aluminum or copper conductors up to 1000V AC. Connector's design enables live line installation without peeling insulation from conductor.

Construction:	Component	Material
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SLIW52

Body and Seal	Heat and UV resistance two components insert molding of composite polymer and elastomer
Contact plate	Tin plated corrosion resistant aluminum alloy
Bolt	Coated stainless steel
Nut with shear-head	Aluminum alloy
Washer	Stainless steel
End-cap	UV resistance elastomer

Installation: Unscrew the connector to have enough space for conductors. Place the conductors into the grooves and end-cap. Tighten the screw until shear-head breaks.

Tools required: 13mm hezagonal socket wrench, fork wrench ST34

Markings: ENSTO, SLIW52, 16-150, 1.5-16, production date

Standard: EN 50483-4:2009, Connector class A1