



Description

The waterproof insulation piercing connectors are suitable for majority types of LV ABC conductors as well as connections to service and lighting cable cores. When tightening the bolts, the teeth of the contact plates penetrate the insulation and establish a perfect contact. The bolts are tightened until the heads shear off. Tight torque guaranteed (fuse nut). Stripping of insulation is avoided.

Service condition: <1kV, 50/60Hz, -10°C to 55°C

Standard: IEC 61284, EN 50483, IRAM2435, NFC33 020

Material

- Body: Thermoplastic polyamide 66 with fiberglass
- Connecting bridge: Copper tinned, Brass tinned, Al
- Sealing parts: Flexible PVC
- End cap: Flexible PVC
- Grease: Silica gel
- Bolt: Hot dip galvanized steel, 8.8 grade
- Washer, Nut: Hot dip galvanized steel
- Fuse nut: Zinc alloy

Features

- Tested for watertightness at a voltage of 6 kV for 30 min in a water bath
- Potential free tightening bolts allow safe installations on life lines
- Bimetallic, suitable for aluminium and copper conductors
- Long neck 13 mm shear head nut ensuring reliable installations
- Components not isolated, end cap attached to body
- Insulation material made of weather and UV resistant glass fibre reinforced polymer

1kV Insulation Piercing Connector



1kV series products selection table

Type	Equivalent Type	(mm ²) Main Line Section	(mm ²) Branch Section	(A) Nominal Current	(mm) Dimensions	(g) Weight	(mm) Piercing Depth	Bolt Quantity (pcs)
SL756	JJC888	0.75-6	0.75-6	41	21×27×23	10	1-1.5	1
SL101	JJC-1	1.5-25	1.5-10	55	27×41×62	55	1.5-2	1
SLEP	JJC-2	16-95	1.5-10	55	27×41×62	55	1-2	1
SL102	JJC-3(A)	6-50	4-25	157	42×45×62	110	2.5-3.5	1
SL2-95	JJC-3	16-95	4-35 (50)	157	46×52×87	160	2.5-3.5	1
SL2-150	JJC-4	50-150	6-35 (50)	157	46×52×87	162	2.5-3.5	1
SL3-95	JJC-5	25-95	25-95	214	50×61×100	198	3-4	1
SL3-120	JJC-5-1	16-120	16-120	214	50×61×100	198	3-4	1
SL4-150	JJC-6	(35) 50-150	(35) 50-150	316	50×61×100	280	3-4	1
SL6	JJC-7	120-240	25-120	276	52×68×100	360	3-4	1
SL7	JJC-7-1	150-240	10-25	102	52×68×100	336	3-4	1
SL400		95-400	35-300	425	83×130×130	1050	5-6	2

Please phone us for special specification and type.