



INSULATION PIERCING CONNECTORS EP TYPE

FOR STREET LIGHTING CONNECTION IN LV INSULATED OVERHEAD LINES AND TUNNEL LIGHTING APPLICATIONS

KEY FEATURES

- Resistant to 6 kV one minute after immersion in water for 30 minutes
- All components are secured
- Metallic shear head designed to allow reliable installation
- Flexible end cap is a tube which guides small wire
- Low applied torque allows easy installation by linemen and avoids damage to cable

Insulation Piercing Connectors EP type are specifically designed for connecting a street lighting conductor from a LV ABC to a lamp wire.

EP Connectors can also be used with 1500V DC considering that the maximum carrying capacity of the EP connector is 63A RMS.

These connectors are made of :

- Two bodies in anti UV black resistant thermoplastic fibre glass reinforced
- Two connecting blades in tinned copper
- One protected steel bolt M6 equipped with a metallic shear head nut of 10 mm in standard version or 13 mm if requested
- One flexible fixed end cap that allows inserting small lamp wires
- Seal compound to improve the water resistance integrity

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

Insulation Piercing Connectors EP

These connectors withstand the tests described in the French standard NFC 33 020 and European standard EN50483-4.

PRODUCT SELECTION INFORMATION

Description	Cross section (mm ²)		Max current (A)	Weight (g)	Standard Packaging	Part Number
	Main	Tap				
EP 95	16 - 95	1,5 - 10	63	48	50	1727912-1
EP 95-13	16 - 95	1,5 - 10	63	50	50	1727912-3
EP 35	2,5 - 35	1,5 - 6	63	48	50	1727912-2
EP 35-13	2,5 - 35	1,5 - 6	63	50	50	1727912-4
EP 120-13	16 - 120	1,5 - 6	63	50	50	1856549-3
KZEP CECST70*	16 - 70	1,5 - 6	63	48	12	1018563-2

* CES = EDF Marking

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