

PRODUCT DESCRIPTION

The Innex separable connector is designed to connect polymeric insulated cable to equipment (transformer, switchgear, motor...), including:

- dimension and scope of delivery completely according to EN 50181, inside cone type, interface **Size 0**;
- applicable for both single-phase and three-phase cable;
- maintenance free;
- pre-tested and pre-assembly parts;
- completely solid insulation (no gas or liquid insulating medium);
- the metallic end bell provides a total safe to touch screen which ensures safety for personnel;
- the screen break design enables cable outer sheath testing without removing or dismantling the conductor.

BASIC COMPONENT

1. Factory tested field controlling stress cone.
2. Plug contact pin.
3. Pre-assembled aluminum end bell.
4. Heat shrinkable tube.
5. Bonding lead.
6. Thrust piece.

ADDITIONAL OPTIONS

- Armoring kit
- Special seal system (Enel type).

SPECIFICATION AND STANDARD

Innex separable connector meets the requirements of:

- Cenelec HD 629.1 S1 and IEC 60502-4.
- Approved by Enel specify DJ 1119.

ELETTRICAL DATA

Maximum system voltage: 24 kV	AC Withstand (5 min.): 54 kV
Nominal current: 250 A	Thermal cycles and AC withstand: 30 kV
Impulse (BIL): 125 kV	DC Voltage test (15 min.): 72 kV
Short-time withstand current (0.5 s)= 18 kA	Partial discharge test: <10 pC at 24 kV
Short-time withstand current (1 s)= 9 kA	
Rated impulse current= 40 kA	

APPLICATION RANGE

Max. cross section: 70 mm ²	Max. cable insulation diameter: 23,5 mm
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250 A

Twohundredfiftyampere

INNEX SYSTEM**TECNICAL DATA SHEET FOR SEPARABLE CONNECTOR IC 250A****ORDER CODE**

IC 250A	XXX	X	XX	X	X	X
	↑ CROSS SECTION	↑ CABLE SCREEN	↑ Ø OVER INSULATION	↑ SPECIAL OPTION	↑ SEALING SYSTEM	↑ TYPE OF KIT
025 = 25 mm ² copper 035 = 35 mm ² copper 050 = 50 mm ² copper 070 = 70 mm ² copper 050 = 50 mm ² aluminum 070 = 70 mm ² aluminum						
F = copper wires screen P = polylam screen T = copper tapes screen						
04 = 17,0÷19,5 mm 05 = 18,5÷21,0 mm 06 = 19,5÷22,0 mm 07 = 21,0÷23,5 mm						
W = without voltage tap						
H = with heat shrinkable tube						
E = rubber sealing system						
A = kit for one separable connector						
B = kit for three separable connectors						

250 A

Two hundred fifty ampere

INNEX SYSTEM

TECNICAL DATA SHEET FOR SEPARABLE CONNECTOR IC 250A

GENERAL DIMENSIONS

