

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 3**;
- 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. Pre-assembled aluminium end bell.
3. Heat shrinkable tube.
4. Bonding lead.
5. Thrust piece.
6. Contact ring.
7. Tension cone.

ADDITIONAL OPTIONS

- Voltage tap.
- Armouring kit
- Special seal system (Enel type).

SPECIFICATION AND STANDARD

Innex separable connector meets the requirements of HD 629.1 S1 AND IEC 60502-4.

ELETTRICAL DATA

Maximum system voltage: 42 kV	AC Withstand (5 min.): 93.6 kV
Nominal current: 1250 A	Thermal cycles test and AC withstand: 52 kV
Impulse (BIL): 200 kV	DC Voltage test (15 min.): 125 kV
Short-time withstand current (0.5 s): 63 kA	Partial discharge test: <10 pC at 42 kV
Short-time withstand current (1 s): 50 kA	
Rated impulse current: 150 kA	

APPLICATION RANGE

Max. cross section: 630 mm ²	Max. cable insulation diameter: 51,0 mm
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ORDER CODE

IC 1250A	XXX	X	XX	X	X	X
	↑ CROSS SECTION	↑ CABLE SCREEN	↑ Ø OVER INSULATION	↑ SPECIAL OPTION	↑ SEALING SYSTEM	↑ TYPE OF KIT
<p> 050 = 50 mm² 070 = 70 mm² 095 = 95 mm² 120 = 120 mm² 150 = 150 mm² 185 = 185 mm² 240 = 240 mm² 300 = 300 mm² 400 = 400 mm² 500 = 500 mm² 630 = 630 mm² </p>						
<p> F = copper wire screen P = polylam screen T = copper tapes screen X = copper wires screen and armour Z = copper tapes screen and armour </p>						
<p> 01 = 32,1÷34,1 mm 02 = 34,9÷36,9 mm 03 = 35,9÷37,9 mm 04 = 37,0÷39,0 mm 05 = 39,6÷41,6 mm 06 = 41,0÷43,0 mm 07 = 45,2÷47,2 mm 08 = 29,4÷31,4 mm 09 = 26,4÷28,4 mm 10 = 49,0÷51,0 mm 11 = 39,9÷41,9 mm 12 = 24,3÷26,3 mm 13 = 47,6÷49,6 mm </p>						
<p> W = without voltage tap T = with voltage tap </p>						
<p> H = with heat shrinkable tube E = rubber sealing system </p>						
<p> A = kit for one separable connector B = kit for three separable connectors </p>						

1250 A

Thousandtwohundredfiftyampere

INNEX SYSTEM

TECNICAL DATA SHEET FOR SEPARABLE CONNECTOR IC 1250A

GENERAL DIMENSIONS

