



1250 Y

Thousandtwohundredfifty

INNEX SYSTEM

TECHNICAL DATA SHEET FOR SEPARABLE CONNECTOR IC 1250Y



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 aluminum 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 IEC 60840.

ELETTRICAL DATA

Maximum system voltage: 52 kV	AC Withstand (5 min.): 117 kV
Nominal current: 1250 A	Thermal cycles test and AC withstand: 52 kV
Impulse (BIL): 250 kV	DC voltage test (15 min.): 156 kV
Short-time withstand current (0.5 s): 63 kA	Partial discharge test: <5 pC at 45.5 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 1250Y	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>C = paper insulation and lead screen F = copper wires screen L = copper wires screen and lead sheath P = polylam screen T = copper tapes screen</p> <p>15 = 19,0÷20,0 mm 12 = 23,1÷26,3 mm 09 = 24,5÷28,5 mm 08 = 28,0÷32,0 mm 01 = 31,3÷34,5 mm 02 = 33,7÷36,9 mm 03 = 34,0÷38,0 mm 04 = 35,8÷39,0 mm 05 = 38,0÷41,6 mm 11 = 38,8÷42,0 mm 06 = 39,8÷43,0 mm 14 = 41,9÷45,1 mm 07 = 43,5÷47,2 mm 13 = 46,4÷49,6 mm 10 = 47,8÷51,0 mm (without voltage tap only)</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>						

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GENERAL DIMENSIONS

