

151SP INTERFACE A STRAIGHT PLUG

Up to 24 kV - 200 A

Application

Separable straight plug designed to connect polymeric insulated cable to cable.
Mates with the elbow, straight and branch joint connectors.

Technical characteristics

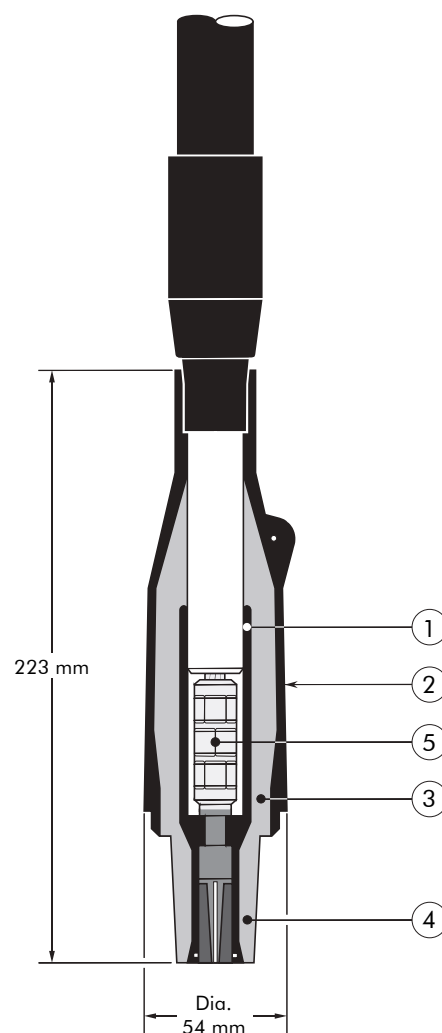
- The thick conductive EPDM jacket provides a total safe to touch screen which ensures safety for personnel.
- Each straight plug is tested for AC withstand and partial discharge prior to leaving the factory.

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV

Design

Separable connector comprising:

1. Conductive EPDM insert.
2. Conductive EPDM jacket.
3. Insulating EPDM layer moulded between the insert and the jacket.
4. Type A - 250 A interface as described by CENELEC EN 50180 and 50181.
5. Conductor connector.



Separable plug type	Voltage Um (kV)	Current Ir (A)	Conductor sizes (mm ²) (for information only)	
			min.	max.
151SP	12	200	16	95
K151SP	24	200	16	95

04/2006

Kit contents

The complete (K)151SP straight plug kit comprises the following components:

The kit also comprises lubricant, wipers, installation instructions and crimp chart.



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(K)151SP-W-X+11TL
straight plug kit

Straight plug housing
(K)151SPH-W

Conductor
contact
151SPC-X

Cable
adaptor
11TL

Ordering instructions

Select the part number which gives the best centring to the cable core insulation diameter and substitute **X** using table X, according to the conductor size and type. Add a 'K' for use up to 24 kV.

Table W

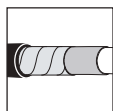
Ordering part number	Dia. over core insulation (mm)	
	min.	max.
151SP-EB- X +11TL	12.6	14.9
151SP-EF- X +11TL	13.3	16.1
151SP-FA- X +11TL	14.6	17.4
151SP-FAB- X +11TL	15.9	18.7
151SP-FB- X +11TL	17.2	19.9
151SP-FG- X +11TL	18.4	21.2
151SP-GA- X +11TL	19.7	22.5
151SP-GAB- X +11TL	21.0	23.8
151SP-GB- X +11TL	22.2	25.0

Table X

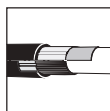
Conductor sizes (mm ²)	Aluminium		Copper
	DIN hexagonal	Deep indent	DIN hexagonal
16	-	-	16(K)M-11-2
25	25(K)M-12-2	25KM-12-1	25(K)M-11-2
35	35(K)M-12-2	35KM-12-1	35(K)M-11-2
50	50(K)M-12-2	50(K)M-12-1	50(K)M-11-2
70	70(K)M-12-2	70(K)M-12-1	70(K)M-11-2
95	95(K)M-12-2	95(K)M-12-1	95(K)M-11-2

Example:

The copper wire screened cable is 12 kV, 50 mm² stranded aluminium with a diameter over core insulation of 16.9 mm. Order a 151SP-FA-50(K)M-12-2+11TL straight connector kit.



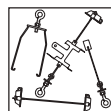
For use with
copper tape
screened cables.
Order: Kit MT.



For use with AluPe or
C 33-226 cables.
Please contact our
representative.



For use with
other cable types.
Please contact our
representative.



For adapted
bail restraints:
see 'Bail restraints and
typical applications'.



For outdoor
applications.
Order: +MWS.



Components can be
ordered individually.