

750LR & 775LR INTERFACE E - 5/8" TEE CONNECTOR

Application

Separable tee connector (bolted 5/8" type) designed to connect polymeric insulated cable to equipment (transformers, switch gear, motors...). Also connects cable to cable, using the appropriate mating part.

Technical characteristics

- A thick conductive EPDM jacket provides a total safe to touch screen.
- Each separable connector is tested for AC withstand and partial discharge prior to leaving the factory.

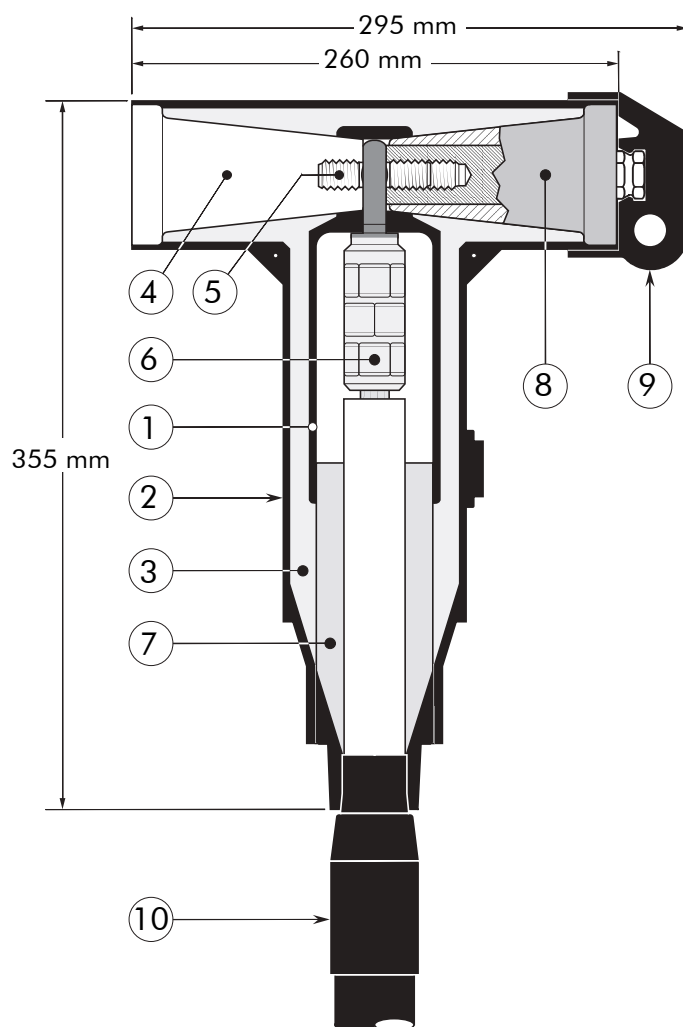
**Up to 36 kV
800 A & 1250 A**

6/10 (12) kV
6.35/11 (12) kV
8.7/15 (17.5) kV
12/20 (24) kV
12.7/22 (24) kV
18/30 (36) 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 E interface as described in ANSI/IEEE std. 386.
5. Threaded stud 5/8".
6. Conductor connector.
7. Cable reducer.
8. Dead end plug (with VD point).
9. Conductive rubber cap.
10. Cable adaptor.



Specifications and standards

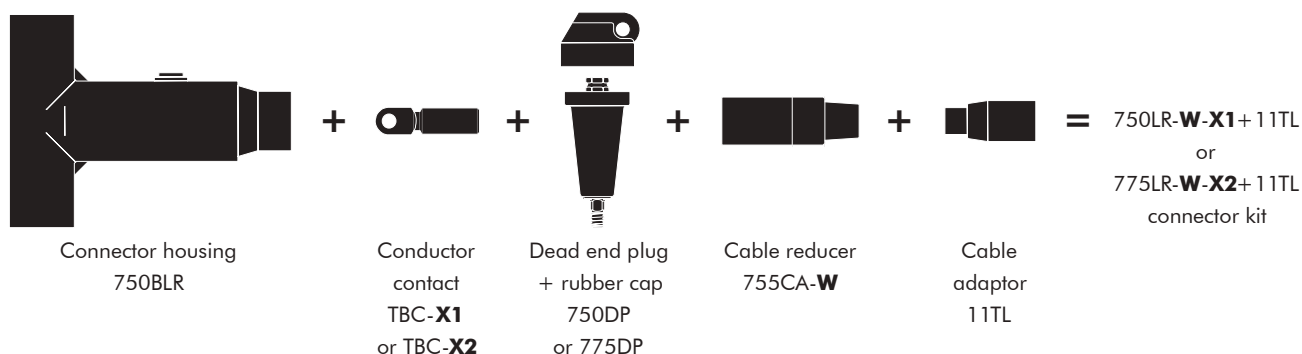
The separable connectors 750LR and 775LR meet the requirements of CENELEC HD 629.1.

Separable connector type	Voltage Um (kV)	Current Ir (A)	Conductor sizes (mm ²)	
			min.	max.
750LR	36	800	35	630
775LR	36	1250	35	630

Kit contents

The complete 750LR or 775LR tee connector kit comprises the following components:

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



Ordering instructions

Select the part number which gives the best centring to the cable core insulation diameter.

Example:

The copper wire screened cable is 36 kV, 300 mm² stranded aluminium with a diameter over core insulation of 38.8 mm.

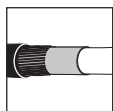
Order a 750LR-M-300KM-10-2+11TL tee connector kit for 800 A application.

Table W

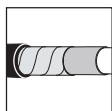
Ordering part number - 800 A	Ordering part number - 1250 A	Dia. over core insulation (mm)	
		min.	max.
750LR-G-X1+11TL	775LR-G-X2+11TL	19.3	24.1
750LR-H-X1+11TL	775LR-H-X2+11TL	21.6	26.7
750LR-J-X1+11TL	775LR-J-X2+11TL	24.9	30.0
750LR-K-X1+11TL	775LR-K-X2+11TL	27.7	33.3
750LR-L-X1+11TL	775LR-L-X2+11TL	30.0	37.2
750LR-M-X1+11TL	775LR-M-X2+11TL	34.8	41.1
750LR-N-X1+11TL	775LR-N-X2+11TL	38.5	45.2
750LR-P-X1+11TL	775LR-P-X2+11TL	43.8	49.1
750LR-Q-X1+11TL	775LR-Q-X2+11TL	48.3	53.9

Table X

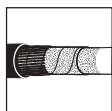
Conductor sizes (mm ²)	Table X1: 800 A			Table X2: 1250 A		
	Aluminium conductor		Copper conductor	Aluminium conductor		Copper conductor
	DIN hexagonal	Deep indent	DIN hexagonal	DIN hexagonal	Deep indent	DIN hexagonal
35	35(K)M-10-2	35KM-10-1	35(K)M-14	35(K)M-12-2	35KM-12-1	35(K)M-11-2
50	50(K)M-10-2	50(K)M-10-1	50(K)M-14	50(K)M-12-2	50(K)M-12-1	50(K)M-11-2
70	70(K)M-10-2	70(K)M-10-1	70(K)M-14	70(K)M-12-2	70(K)M-12-1	70(K)M-11-2
95	95(K)M-10-2	95(K)M-10-1	95(K)M-14	95(K)M-12-2	95(K)M-12-1	95(K)M-11-2
120	120(K)M-10-2	120(K)M-10-1	120(K)M-14	120(K)M-12-2	120(K)M-12-1	120(K)M-11-2
150	150(K)M-10-2	150(K)M-10-1	150(K)M-14	150(K)M-12-2	150(K)M-12-1	150(K)M-11-2
185	185(K)M-10-2	185(K)M-10-1	185(K)M-14	185(K)M-12-2	185(K)M-12-1	185(K)M-11-2
240	240(K)M-10-2	240(K)M-10-1	240(K)M-14	240(K)M-12-2	240(K)M-12-1	240(K)M-11-2
300	300(K)M-10-2	300(K)M-10-1	300(K)M-14	300(K)M-12-2	300(K)M-12-1	300(K)M-11-2
400	400(K)M-10-2	400(K)M-10-1	400(K)M-14	400(K)M-12-2	400(K)M-12-1	400(K)M-11-2
500	500(K)M-10-2	500(K)M-10-1	500(K)M-14	500(K)M-12-2	500(K)M-12-1	500(K)M-11-2
630	630(K)M-10-2	630(K)M-10-1	630(K)M-14	630(K)M-12-2	630(K)M-12-1	630(K)M-11-2



For use with copper wire screened cables.
No earthing device is necessary.



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



For use with fabric tape (graphite) screened cables.
Order additional semi-conductive tape (type TSC).



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



For outdoor applications.
Order: +MWS.



Components can be ordered individually.