



CTS 630A T-shaped separable connector

for all 1-core polymeric cables, for outer cone system terminals type C

Cellpack screwable T-shaped separable connectors CTS are suitable for connecting all polymeric-insulated 1-core cables (PVC, PE, XLPE, EPR), with different types of semi-conductive layers (graphite-coated or strippable) and screen design (wire or tape screen) to switching equipment and transformers having an outer cone system type C, up to maximum network voltage of 36 kV in accordance with EN 50180 and EN 50181.

Characteristics

- With capacitive measuring point
- Individually tested
- Outer semi-conductive layer made of semi-conductive EPDM provides protection from exposed electrical parts
- Cable sheath insulation fault test may be performed while under voltage
- For copper and aluminium conductors
- Quick, safe and easy assembly
- Suitable for a wide range of applications due to integrated screw cable lug

Application/Suitability

- Indoor
- Outdoor

Voltage level

- U_0/U_m 6/10 (12) kV - 19/33 (36) kV

Test standards

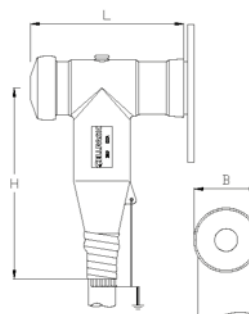
- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)

Storage conditions/Shelf life

- Unlimited shelf life



Dimensions



Scope of delivery

Set of 3 separable connectors, silicone stress control elements, earthing set, screw cable lug for main conductor, screw cable lug for wire screen, assembly material, assembly instructions

Optional accessory: EGA earthing kit for cables with tape screen (see Connecting technology)

Note: Other T-shaped separable connectors (cross-sections, class 5) available on request

Type	L mm	B mm	H mm	min. Ø over core insulation after removal of the outer conductive layer mm	12 kV	17.5 kV	24 kV	36 kV	Art.-No.	
					Nominal cross section mm ²					
U_0/U_m 6/10 (12) kV - 12.7/22 (24) kV										
CTS 630A 24kV	25-70	194	85	250	14.7	50 - 95	25 - 95	25 - 70		355434
	95-240	194	85	250	22.0	150 - 240	120 - 240	95 - 240		355433
	240-400	194	85	250	23,7	240 - 400	240 - 400	240 - 400		355561
U_0/U_m 12/20 (24) kV - 19/33 (36) kV										
CTS 630A 36kV	35-95	194	85	250	22.0			95 - 95	35 - 95	355562
	95-150	194	85	250	22.0			95 - 240	95 - 150	355563
	150-240	194	85	250	30.8			240 - 240	150 - 240	355564
	240-400	194	85	265	31.5			300 - 400	240 - 400	356660