Technical-Data-Sheet

CTS 630A

T-shaped separable connector

for polymeric cables for outer cone system terminals type C

Cellplux 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.



Product description

Article name	CTS 630A 36kV 95-120/CA
Material number	445168
Characteristics	With capacitive measuring point for voltage checking
	Suitable for various cone voltage sensors
	Routine tests (AC test, PD measurement, X-ray control)
	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 both copper and aluminium conductors
	Quick, safe and easy assembly
	Suitable for a wide range of applications due to integrated screw cable lug
Applications	Indoor
	Outdoor
Family notes	Other T-shaped separable connectors (e.g. for armoured or graphite-coated cables, class 5 etc.) available on request.
Optional accessory	EGA earthing kit for cables with tape screen (see Connecting technology)

Technical data

Voltage levels	U0/U (Um) 6/10 (12) kV - 19/33 (36) kV
	U0/U (Um) 12/20 (24) kV - 19/33 (36) kV
Test standards	CENELEC HD 629.1
Length L	194 mm
Width B	85 mm
Heigth H	271 mm
Diameter over core insulation after removal of the outer conductive layer min	22 mm
Diameter over core insulation after removal of the outer conductive layer max	33.5 mm
Nominal cross section 24 kV min	95 mm²
Nominal cross section 24 kV max	240 mm²
Nominal cross section 36 kV min	95 mm²
Nominal cross section 36 kV max	120 mm²

Logistics data

Delivery scope	Set of 3 separable connectors with pre-installed earthing clamp and earthing wirewith M12 cable lug
	Cable adapter for sealing and stress control
	Screw cable lugs for main conductor
	Screw cable lug for wire screen
	Protection cap with fixing tie
	Assembly material
	Assembly instructions
Shelf life description	Unlimited shelf life
Storage temperatur max	50 °C
Storage temperatur min	0 °C
Country of origin	Germany
Customs tariff number	85479000

EAN-UPC	4010311198347			
Base quantity	1	1	32	
Base unit of measure	Piece	Piece	Piece	
Alternate quantity	1	1	1	
Alternative unit of measure	Piece	Carton	Pal. OW	
Lenght	372	372	1200	
Width	290	290	800	
Height	247	247	1130	
Dimension unit	Millimetres	Millimetres	Millimetres	
Volume	26.646	26.646	1084.8	
Volume unit	Cubic decimetres	Cubic decimetres	Cubic decimetres	
Gross weight	6.9	6.9	239	
Net weight	6.9	6.9	220.8	
Weight unit	Kilogram	Kilogram	Kilogram	