

Symmetrical T-shaped separable connector  
for polymeric cables for outer cone system terminals type C

Cellplus symmetrical, screwable T-shaped separable connectors CTS-S 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-S 630A 24kV 25-70
Article number	301528
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)

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

## Technical data

Article name	CTS-S 630A 24kV 25-70
Article number	301528
Voltage levels	U0/U (Um) 6/10 (12) kV - 12,7/22 (24) kV
Test standards	CENELEC HD 629.1
Length L	225 m
Width B	85 mm
Height H	250 mm
Diameter over core insulation after removal of the outer conductive layer min	14.7 mm
Diameter over core insulation after removal of the outer conductive layer max	23.4 mm
Nominal cross section 12 kV min	50 mm <sup>2</sup>
Nominal cross section 12 kV max	95 mm <sup>2</sup>
Nominal cross section 17,5 kV min	25 mm <sup>2</sup>
Nominal cross section 17,5 kV max	95 mm <sup>2</sup>
Nominal cross section 24 kV min	25 mm <sup>2</sup>
Nominal cross section 24 kV max	70 mm <sup>2</sup>

## Logistics data

Article name	CTS-S 630A 24kV 25-70
Article number	301528
Delivery scope	Set of 3 separable connectors
	Silicone field control elements
	Earthing set
	Screw cable lugs for main conductor
	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/GTIN	4010311155395

## Packaging data

Alternative unit of measure	Carton	Pal. OW
Base quantity	1	32
Base unit of measure	Piece	Piece
Lenght (mm)	379	1200
Width (mm)	289	800
Height (mm)	314	1130
Net weight (kg)	6.993	223.776
Gross weight (kg)	6.993	223.776