



CAM-S

Single-core straight-through joint

for all polymeric single-core cables

Type CAM-S straight-through joints are suitable for all single-core plastic-insulated cables (PVC, PE, XLPE, EPR). They allow the connection of cables with different cross sections, conductive materials, semi-conducting layers (graphite-coated, removable or strippable) and screening (wire or tape screen). Suitable for compression connectors.

Dimensions



Characteristics

- Reliable stress control due to flexible silicone stress control elements
- Wide conductor and cross-section range
- Ready for immediate operation
- Silicone slip-on components for quick, safe and easy assembly

Application

- Indoor
- Outdoor
- Underground
- Water
- Installation ducts
- Ductwork

Note

- Compression connectors not included
- Joints with a range of $U_m = 12$ kV must be used for cables of $U_m = 7.2$ kV. (Check minimum diameter over conductor insulation).

Storage conditions/Shelf life

- Unlimited shelf life

Scope of delivery

- Thick wall heat-shrinkable outer tubing with hot melt adhesive
- Silicone stress-control elements
- Silicone joint body with integrated semi-conducting layer (individually tested)
- Copper braid tube
- Pressure springs
- Semi-conducting tape
- Assembly instructions

Tests

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

Type	L mm	min. Ø over conductor insulation after removal of outer semi-conducting layer mm	max. connector length mm	Nominal cross section mm ²		Art.-No.
				12kV	24kV	
$U_0/U (U_m)$ 6/10 (12)kV - 6.35/11 (12)kV						
CAM-S 12kV	25-95	700	12.6	160	25 - 95	201385
	50-240	700	14.7	160	50 - 240	201386
	150-400	700	19.9	160	150 - 400	201388
$U_0/U (U_m)$ 12/20 (24)kV - 12.7/22 (24)kV						
CAM-S 24kV	16-120	700	14.7	160		201393
	70-240	700	19.9	160	16 - 120 70 - 240	201395

Appropriate compression connector must be ordered separately.