

6180 3998	DATA SHEET
Valid from: 06.11.2019	1-core straight-through joint

Hybrid straight-through joints CHSMV are suitable for all 1-core polymeric-insulated cables (PVC, PE, XLPE, EPR). They allow the connection of cables with different cross sections and conductor materials even with different cable designs concerning the semi-conductive layer (graphite-coated, removable or strippable) and screen design (copper wire or tape screen). With screw connector.

CHMSV 24kV



CHM 24kV



Technical features:

Nominal cross section 95mm² up to 1000mm²
Voltage level U₀/U (U_m) 12/20 (24) kV – 12,7/22 (24) kV

Characteristics

- Reliable stress control due to flexible silicone stress control elements
- For both copper and aluminium conductors
- For all cables with copper wire or tape screen
- Wide conductor and cross-section range
- Quick, safe and easy assembly
- Ready for immediate operation
- Suitable for a wide range of applications due to integrated screw connector

Application/Suitability

- Indoor
- Outdoor
- Underground
- Water
- Installations ducts
- Ductworks

Test standards

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

Storage conditions / Shelf life

Unlimited shelf life

Scope of delivery

Thick wall heat shrinkable insulation tubes, thick wall heat shrinkable outer tube with hot melt adhesive, silicone stress control elements, copper braid tube, pressure springs, innovative screw connector with conductive cover, field control filling tape (blue), assembly material, assembly instruction

Table:

Part No.	Type	Nominal cross section mm ²	Length mm	Min. Ø over core insulation after removal of the outer conductive layer mm
6180 3998	CHMSV 24kV	95 – 240	600	19,9
6180 3999		240 – 400	700	27,3
6180 4000	CHM 24kV	400 – 630	750	32,7
6180 4001		630 – 1000	750	36,8