

## 1-core straight-through joint

for all 1-core polymeric cables

Hybrid straight-through joints CHM 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). Suitable for compression connectors.



### Product description

Article name	CHM 12kV 500-800
Article number	194077
Notes	Can be used also for cables $U_m = 7,2$ kV, then the minimum diameter over conductor insulation has to be checked.
Optional accessory	Compression connectors (see Connecting technology)

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

Applications
Indoor
Outdoor
Underground
Water
Installation ducts
Ductwork

## Technical data



Article name	CHM 12kV 500-800
Article number	194077
Voltage levels	U0/U (Um) 6/10 (12) kV - 6,35/11 (12) kV
Test standards	CENELEC HD 629.1
Diameter connector max	60 mm
Length Connector 12kV max	360 mm
Length L	850 mm
Diameter over core insulation after removal of the outer conductive layer min	27.3 mm
Nominal cross section 12 kV min	500 mm <sup>2</sup>
Nominal cross section 12 kV max	800 mm <sup>2</sup>

## Logistics data

Article name	CHM 12kV 500-800
Article number	194077
Delivery scope	Thick wall heat shrinkable insulation tubes Thick wall heat shrinkable outer tube with hot melt adhesive Silicone field control elements Copper braid tube Pressure springs Field control filling tape (blue) Assembly material Assembly instructions
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39269097
EAN/GTIN	4010311047164

## Packaging data

Packaging type	Carton	Pal. OW
Content quantity	1	12
Unit of measure	Piece	Piece
Length (mm)	865	1200
Width (mm)	369	800
Height (mm)	170	1130
Net weight (kg)	3.563	42.756
Gross weight (kg)	3.563	60.956