

## 3-core straight-through joint

for 3-core polymeric cables

Hybrid straight-through joints CHM3 are suitable for all 3-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       | CHM3 12kV 150-300   |
| Article number     | 194296  |
| Notes              | Can be used also for cables $U_m = 7,2$ kV, then the minimum diameter over conductor insulation has to be checked.<br>Straight-through joints with larger cross-section available on request. |
| Optional accessory | Compression connectors (see Connecting technology)  |

#### Characteristics

Reliable stress control due to flexible silicone stress control elements

For both copper and aluminium conductors

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  | CHM3 12kV 150-300  |
| Article number  | 194296   |
| Voltage levels  | U <sub>0</sub> /U (U <sub>m</sub> ) 6/10 (12) kV - 6,35/11 (12) kV |
| Test standards  | CENELEC HD 629.1   |
| Diameter Connector 12kV max   | 40 mm  |
| Length Connector 12kV max   | 200 mm   |
| Length L  | 1200 mm  |
| Diameter over core insulation after removal of the outer conductive layer min | 19.9 mm  |
| Nominal cross section 12 kV min   | 150 mm <sup>2</sup>  |
| Nominal cross section 12 kV max   | 300 mm <sup>2</sup>  |

## Logistics data

|                        |  |
|------------------------|--|
| Article name           | CHM3 12kV 150-300  |
| Article number         | 194296   |
| Delivery scope         | Thick wall heat shrinkable insulation tubes<br>Thick wall heat shrinkable outer tube with hot melt adhesive<br>Silicone field control elements<br>Copper braid tube<br>Field control filling tape (blue)<br>Pressure springs<br>Assembly material<br>Assembly instructions |
| Shelf life description | Unlimited shelf life   |
| Country of origin      | Germany  |
| Customs tariff number  | 39269097   |
| EAN/GTIN               | 4010311047386  |

## 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)   | 5.514  | 66.168  |
| Gross weight (kg) | 5.514  | 84.368  |