

1-core straight-through joint  
with screw connector for 1-core polymeric cables

Hybrid straight-through joints CHM...V 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.



Product description

|                |   |
|----------------|---|
| Article name   | CHM 24kV 400-630 V  |
| Article number | 347954  |
| Notes          | Can be used also for cables Um = 7,2 kV, then the minimum diameter over conductor insulation has to be checked. |

|   |
|---|
| 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 |

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

## Technical data



|   |   |
|---|---|
| Article name  | CHM 24kV 400-630 V  |
| Article number  | 347954  |
| Voltage levels  | U <sub>0</sub> /U (U <sub>m</sub> ) 12/20 (24) kV - 12,7/22 (24) kV |
| Test standards  | CENELEC HD 629.1  |
| Length L  | 750 mm  |
| Diameter over core insulation after removal of the outer conductive layer min | 32.7 mm   |
| Nominal cross section 12 kV min   | 630 mm <sup>2</sup>   |
| Nominal cross section 12 kV max   | 630 mm <sup>2</sup>   |
| Nominal cross section 17,5 kV min   | 500 mm <sup>2</sup>   |
| Nominal cross section 17,5 kV max   | 630 mm <sup>2</sup>   |
| Nominal cross section 24 kV min   | 400 mm <sup>2</sup>   |
| Nominal cross section 24 kV max   | 630 mm <sup>2</sup>   |

## Logistics data

|                        |  |
|------------------------|--|
| Article name           | CHM 24kV 400-630 V   |
| Article number         | 347954   |
| 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   |
|                        | Screw connector  |
|                        | 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               | 4010311169064  |

## Packaging data

|                   |        |         |
|-------------------|--------|---------|
| Packaging type    | Carton | Pal. EU |
| Content quantity  | 1      | 12      |
| Unit of measure   | Piece  | Piece   |
| Length (mm)       | 873    | 1200    |
| Width (mm)        | 380    | 800     |
| Height (mm)       | 175    | 1130    |
| Net weight (kg)   | 3.713  | 44.556  |
| Gross weight (kg) | 3.683  | 73.196  |