

# Technical-Data-Sheet

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## CHESK-F

### 1-core outdoor cable termination

with screw cable lugs for 1-core polymeric cables

Hybrid cable terminations CHESK-F are suitable for all 1-core polymeric-insulated cables (PVC, PE, XLPE, EPR) with different types of semi-conductive layers (graphitecoated, removable or strippable) and screen design (copper wire or tape). With screw cable lugs for main conductor and copper wire screen.



### Product description

|                    |  |
|--------------------|--|
| Article name       | CHESK-F 24kV 240-400   |
| Material number    | 309550   |
| Characteristics    | Flexible silicone stress control elements ensure reliable stress control under all operating conditions            |
|                    | Combination of slip-on and heat shrinkable components  |
|                    | Wide cross-section range   |
|                    | Quick, safe and easy assembly  |
|                    | Ready for immediate operation  |
| Applications       | Outdoor  |
| Family 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 | EGA earthing kit for cables with tape screen (see Connecting technology)   |

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## Technical data

The technical drawing shows a vertical cable shed assembly with three sheds. Dimensions include a total length of 500 mm and a shed diameter of 115 mm. The drawing is enclosed in a frame with arrows indicating dimensions.

| ref. | description                  | unit | value |
|------|------------------------------|------|-------|
| L    | Length                       | mm   | 500   |
| Ø S  | Outer diameter of cable shed | mm   | 115   |

| revision / date  | description / remarks | author / date | checked / date |
|------------------|-----------------------|---------------|----------------|
| 001 / 22.12.2021 | Initial release       | ...           | ...            |

| part number | description | quantity |
|-------------|-------------|----------|
| CEP0113     | 300550      | 1        |

**BBC CELLPACK** Electrical Products

**CHEM-F 24kV 240-400**

**CEP0113 300550**

|   |   |
|---|---|
| Voltage levels  | U0/U (Um) 12/20 (24) kV - 12,7/22 (24) kV |
| Test standards  | CENELEC HD 629.1                          |
| Length L  | 500 mm                                    |
| Diameter over core insulation after removal of the outer conductive layer min | 27.3 mm                                   |
| Number of sheds per phase   | 3 Pieces                                  |
| Diameter shed   | 115 mm                                    |
| Nominal cross section 24 kV min   | 240 mm <sup>2</sup>                       |
| Nominal cross section 24 kV max   | 400 mm <sup>2</sup>                       |

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## Logistics data

|                        |   |
|------------------------|---|
| Delivery scope         | Heat shrinkable tube (tracking resistant) |
|                        | Silicone field control elements           |
|                        | Silicone sheds                            |
|                        | Screw cable lugs                          |
|                        | 1 Set for 3 phases                        |
|                        | Sealing tape                              |
|                        | Assembly material                         |
|                        | Assembly instructions                     |
| Shelf life description | Unlimited shelf life                      |
| Country of origin      | Germany                                   |
| Customs tariff number  | 85469090                                  |

|                             |                  |                  |                  |  |
|-----------------------------|------------------|------------------|------------------|--|
| EAN-UPC                     | 4010311160795    |                  |                  |  |
| Base quantity               | 1                | 1                | 42               |  |
| Base unit of measure        | Piece            | Piece            | Piece            |  |
| Alternate quantity          | 1                | 1                | 1                |  |
| Alternative unit of measure | Piece            | Carton           | Pal. OW          |  |
| Length                      | 730              | 730              | 1200             |  |
| Width                       | 165              | 165              | 800              |  |
| Height                      | 157              | 157              | 1130             |  |
| Dimension unit              | Millimetres      | Millimetres      | Millimetres      |  |
| Volume                      | 18.911           | 18.911           | 1084.8           |  |
| Volume unit                 | Cubic decimetres | Cubic decimetres | Cubic decimetres |  |
| Gross weight                | 3.232            | 3.232            | 153.944          |  |
| Net weight                  | 3.232            | 3.232            | 135.744          |  |
| Weight unit                 | Kilogram         | Kilogram         | Kilogram         |  |