

# Indoor termination for 6/10 (12) kV

## TI 12

TI 12 is an indoor termination made of silicone rubber for connection to air insulated switchgear and transformers up to 12 kV. Type tests according to CENELEC HD 629.1 and VDE 0278 part 629-1 have been successfully passed. For conductor cross sections from 185 up to 630 mm<sup>2</sup> the indoor termination type TI 24 CA and/or TI 36 CA applies.

- ✓ schnelle und einfache Montage
- ✓ quick and easy assembly
- ✓ one-piece design with integrated capacitive stress control system
- ✓ short body
- ✓ long creepage distance by optimized shed arrangement
- ✓ use of various cable lug types:
  - mechanical (screw type)
  - hexagonal pressing
  - deep indent pressing
- ✓ 2 sizes cover the range of conductor cross sections up to 240 mm<sup>2</sup>
- ✓ weight of the TI 12 basic set ~ 0.38 kg

### Scope of delivery

- ✓ 3 terminations
  - ✓ 3 conductor cable lugs (optional)
  - ✓ 3 earthing cable lugs
  - ✓ 1 assembly instructions
  - ✓ accessories
- 1 cable lug  
2 termination  
3 earthing cable lug

### TI 12

| Conductor cross section (mm <sup>2</sup> ) | Size | Stretch range over insulation (mm) | Dimensions |        |           | Basic set without cable lug | Reference no.               |              |
|--|------|------------------------------------|------------|--------|-----------|-----------------------------|-----------------------------|--------------|
|  |      |                                    | d (mm)     | D (mm) | L1 (mm)   |                             | with cable lug Al-conductor | Cu-conductor |
| 25   | 2    | 12.7 - 19.2                        | 12.5       | 39     | max. 230  | 26 291 91                   | 26 291 51                   | 26 291 01    |
| 35   |      |                                    |            |        |           |                             | 26 291 52                   | 26 291 02    |
| 50   |      |                                    |            |        |           |                             | 26 291 53                   | 26 291 03    |
| 70   |      |                                    |            |        |           |                             | 26 291 54                   | 26 291 04    |
| 95   |      |                                    |            |        |           |                             | 26 291 55                   | 26 291 05    |
| 120  | 3    | 17.0 - 28.4                        | 17         | 43     | 26 291 92 | 26 291 56                   | 26 291 06                   |              |
| 150  |      |                                    |            |        |           | 26 291 57                   | 26 291 07                   |              |
| 185  |      |                                    |            |        |           | 26 291 58                   | 26 291 08                   |              |
| 240  |      |                                    |            |        |           | -                           | 26 291 09                   |              |

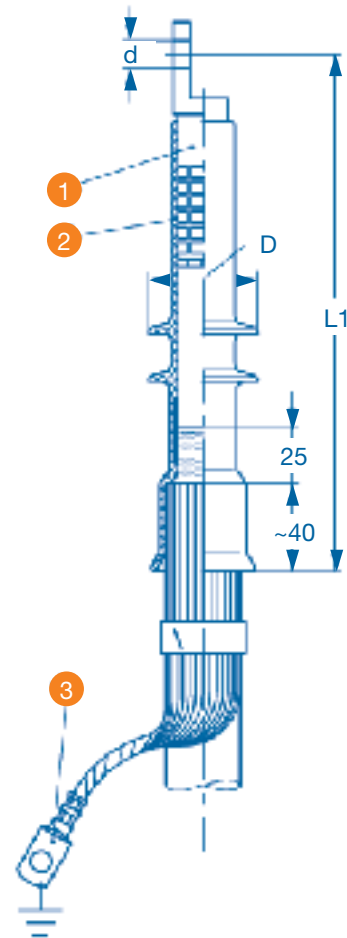
### TI 24 CA for 6/10 (12) kV

| Conductor cross section (mm <sup>2</sup> ) | Size | Stretch range over insulation (mm) | Dimensions |        |          | Reference no. with cable lug |           |
|--|------|------------------------------------|------------|--------|----------|------------------------------|-----------|
|  |      |                                    | d (mm)     | D (mm) | L1 (mm)  |                              |           |
| 185  | 5    | 21.2 - 34.6                        | 17         | 60     | max. 340 | 26 457 78                    | 26 457 28 |
| 240  |      |                                    |            |        |          | 26 457 79                    | 26 457 29 |
| 300  |      |                                    |            |        |          | 26 457 80                    | 26 457 30 |

### TI 36 CA for 6/10 (12) kV

| Conductor cross section (mm <sup>2</sup> ) | Size | Stretch range over insulation (mm) | Dimensions |        |          | Reference no. with cable lug |           |
|--|------|------------------------------------|------------|--------|----------|------------------------------|-----------|
|  |      |                                    | d (mm)     | D (mm) | L1 (mm)  |                              |           |
| 400  | 27   | 28.9 - 43.0                        | 17         | 90     | max. 485 | 26 447 61                    | 26 447 11 |
| 500  |      |                                    |            |        |          | 26 447 62                    | 26 447 12 |
| 630  |      |                                    |            |        |          | -                            | 26 447 13 |

Illustration see page 36



### Additional solutions

All terminations can be used on 3-core XPLE cables with a corresponding trifurcating set

trifurcating set

TI 24 CA

details see page 15

