

# MULTI-CONDUCTOR CABLES INSULATED IN "OVERSIZED" PTFE, 0,6 / 1 KV, T250°C + SILICONE T180°C



2003



**Type of insulation:** "OVERSIZED" PTFE + SILICONE

**Working temperature:**  
**T 180°C** for the sheath  
**T 250°C** for the cores

**Type of conductor:** NICKEL-PLATED COPPER  
**Working voltage:** 0,6/1 kV  
**Impulse voltage:** 5kV

**In conformity to the requirements of the directives:** 2014/35/EU

**Approval marks, of the cores:** VDE REG. Nr.



- Sections and multiple table of the cores for the version with transparent sheath:

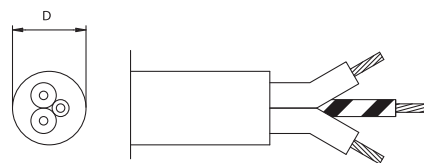
| Code  | Sections mm <sup>2</sup> | Conductor strand | Cores colours* | Cores position | Shape | Dimension ±0,2 mm |
|-------|--------------------------|------------------|----------------|----------------|-------|-------------------|
| HM21T | 2 x 1,00                 | 32 x 0,20        | t t            | P              | round | ø 6,5             |
| HM31T | 3 x 1,00                 | 32 x 0,20        | t t g          | C              | round | ø 6,5             |

- Other sections and multiple on request.

\* Table of the lines colours to identify the cores:  
 t = transparent, without line      g = yellow green

\* Cores position table:  
 P = parallel  
 C = twisted

*Attention: in the three-pole transparent cable, the ground core is identified with a fiberglass strip in green and one in yellow positioned between the nickel-plated copper conductor and the transparent PFA insulation. We suggest to indicate this peculiarity on the use instructions.*



- Sections and multiple table of the cores for the version with coloured sheath:

| Code  | Sections mm <sup>2</sup> | Conductor strand | Cores colours* | Cores position | Shape | Dimension ±0,2 mm |
|-------|--------------------------|------------------|----------------|----------------|-------|-------------------|
| HM21- | 2 x 1,00                 | 32 x 0,20        | t l            | P              | round | ø 6,5             |
| HM31- | 3 x 1,00                 | 32 x 0,20        | t l g          | C              | round | ø 6,5             |

- Other sections and multiple on request.

\* Table of the lines colours to identify the cores:  
 t = transparent      l = blue      g = yellow green

\* Cores position table:  
 P = parallel  
 C = twisted

- Table of available colours:  
**T** = transparent (sheath and cores)  
**N** = black  
**B** = white  
**E** = grey  
 - Other colours on request.

- VDE REG. Nr. approval printing on the cores.

