

# Halogenfri installationskabler

## Halogen-free wiring cables

Standard: NKT fabriksstandard nr. 008 IEC 60502

Standard: NKT factory standard no. 008 IEC 60502



### Konstruktion:

Construction:

- 1 1,5-2,5 mm<sup>2</sup>: Kobberleder, entrådet kl. 1  
6-16 mm<sup>2</sup>: Kobberleder, flertrådet kl. 2  
1,5-2,5 mm<sup>2</sup>: Copper conductor, solid cl. 1  
6-16 mm<sup>2</sup>: Copper conductor, stranded cl. 2

- 3 Fyldkappe, EPDM-gummi  
Filling sheath, EPDM-rubber

- 4 Udvendig kappe: Termoplastisk compound, UV-stabiliseret  
Outer sheath: Thermoplastic compound, UV-stabilized

### 2 PEX isolation

PEX insulation

### Anvendelse:

Application:

I bygninger, i kanaler, i fri luft og i jorden. Lederisolationen er ikke egnet til direkte lyseksposering.

For fixed installation in buildings, in channels, in open air and in the ground. Conductor insulation must be protected against light exposure.

### Egenskaber:

Properties:

|                                |            |
|--------------------------------|------------|
| Mærkespænding                  | 0,6/1 kV   |
| Rated voltage                  |            |
| Prøvespænding                  | 4 kV AC    |
| Test voltage                   |            |
| Max. drifttemperatur           | 90 °C      |
| Max. Operating temperature     |            |
| Max. ledertemperatur           | 90 °C      |
| Max. Conductor temperature     |            |
| Max. kortslutningstemperatur   | 250 °C     |
| Max. short-circuit temperature |            |
| Min. håndteringstemperatur     | -5 °C      |
| Min. handling temperature      |            |
| Max. lagertemperatur           | 40 °C      |
| Max. storage temperature       |            |
| Kappefarve                     | Lysegrå    |
| Colour of the sheath           | Light grey |

|                             |                                       |
|-----------------------------|---------------------------------------|
| Røgtæthed                   | IEC 61034                             |
| Smoke density               |                                       |
| Brandprøve                  | IEC 60332-1                           |
| Fire test                   |                                       |
| CPR brandklasse             | E <sub>ca</sub>                       |
| CPR fire class              |                                       |
| Syrebestemmelse             | IEC 60754-1                           |
| Emission of corrosive gases |                                       |
| Ledningsevne - pH-ændring   | IEC 60754-2                           |
| Conductivity - pH change    |                                       |
| Min. bøjeradius             | 10 x kabel diameter                   |
| Min. bending radius         | 10 x cable diameter                   |
| Max. tilladeligt træk       | 50 N/mm <sup>2</sup> v/træk i lederen |
| Max. pulling force          | 50 N/mm <sup>2</sup> on conductors    |
| CE-overensstemmelse         | Lavspændingsdirektivet                |
| CE-conformity               | Low Voltage Directive                 |

**Tekniske data (G):**

Technical data (G):

| Dimension<br>No. of cores and<br>cross-section | Levering<br>Delivery | Isolation, nom.<br>Nominal insula-<br>tion thickness | Kappe, nom.<br>Nominal<br>sheath thick-<br>ness | Udvendig dimen-<br>sion, nom.<br>Outer diameter,<br>nom. | Udvendig dimen-<br>sion max.<br>Outer diameter<br>max. | Ca. vægt<br>Cable mass<br>approx. | El-nr.<br>Product number | EAN-nr.<br>EAN-nr.                                                                  |
|------------------------------------------------|----------------------|------------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|-----------------------------------|--------------------------|-------------------------------------------------------------------------------------|
| mm <sup>2</sup>                                | m                    | (mm)                                                 | (mm)                                            | mm                                                       | mm                                                     | kg/km                             |                          |                                                                                     |
| 4X6                                            | Tr 500               | 0,7                                                  | 1,5                                             | 14,9                                                     | 16,0                                                   | 406                               | 30 33 780 941            |  |
| 4X10                                           | Tr 500               | 0,7                                                  | 1,8                                             | 17,7                                                     | 19,0                                                   | 618                               | 30 33 780 954            |  |
| 4X16                                           | Tr 500               | 0,7                                                  | 1,8                                             | 20,3                                                     | 22,0                                                   | 888                               | 30 33 780 983            |  |