

## N2XS(F)2Y



### Application

For laying indoors, in cable ducts, indoors, in ground and water, as well for laying on racks for industrial and switching systems and power stations. The resistant PE sheath can be subject to heavy mechanical loads during installation and operation.

### Standards

DIN VDE 0276 part 620

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

### Construction

|                                  |                                                                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inner Conductor</b>           | stranded copper conductor acc. to DIN VDE 0295 Kl.2 / BS 6360 cl.2 / IEC 60228 cl.2                                                       |
| <b>Core Insulation</b>           | conductor screen of semi-conducting compound - XLPE insulation - core screen of semi-conducting compound - semi-conducting swellable tape |
| <b>Inner Sheath Material</b>     | separating tape                                                                                                                           |
| <b>Overall Shielding</b>         | concentric conductors (copper wires) with copper tape for fixing                                                                          |
| <b>Outer Insulation Material</b> | Polyethylene (PE), black                                                                                                                  |

### Technical Data

|                                     |                     |
|-------------------------------------|---------------------|
| <b>Nominal Voltage</b>              | $U_0/U$ : 6 / 10 kV |
| <b>Nominal Volatage DC</b>          | $U_0/U$ : 0 / 0     |
| <b>Bending Radius fixed (xD)</b>    | 15                  |
| <b>Operating Temperature solid</b>  | -20 °C bis 90 °C    |
| <b>Operating Temperature moving</b> | -20 °C bis 90 °C    |
| <b>Short Circuit Temperature</b>    | 250 °C              |
| <b>Short Circuit Duration</b>       | 5 sek.              |

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| Prod. Nr.<br>Prod. Nr. | Dimensions<br>Dimensions | Color<br>Color | Weight (kg/km) approx.<br>Weight (kg/km) approx. | Outer-Diameter (mm) approx.<br>Outer-Diameter (mm) approx. | Power Load Earth (A)<br>Power Load Earth (A) | Power Load Air (A)<br>Power Load Air (A) |
|------------------------|--------------------------|----------------|--------------------------------------------------|------------------------------------------------------------|----------------------------------------------|------------------------------------------|
| 01513005               | 1 x 35 rm/16             | black - black  | 850.0                                            | 25.0                                                       | 187                                          | 197                                      |
| 01513004               | 1 x 50 rm/16             | black - black  | 960.0                                            | 26.0                                                       | 220                                          | 236                                      |
| 01513006               | 1 x 70 rm/16             | black - black  | 1,350.0                                          | 28.0                                                       | 268                                          | 294                                      |
| 01513003               | 1 x 95 rm/16             | black - black  | 1,620.0                                          | 29.0                                                       | 320                                          | 358                                      |
| 01513007               | 1 x 120 rm/16            | black - black  | 1,800.0                                          | 31.0                                                       | 363                                          | 413                                      |
| 01513008               | 1 x 150 rm/25            | black - black  | 2,000.0                                          | 32.0                                                       | 405                                          | 468                                      |
| 01513009               | 1 x 185 rm/25            | black - black  | 2,500.0                                          | 34.0                                                       | 456                                          | 535                                      |
| 01513010               | 1 x 240 rm/25            | black - black  | 3,000.0                                          | 36.0                                                       | 526                                          | 631                                      |
| 01513002               | 1 x 300 rm/25            | black - black  | 3,600.0                                          | 38.0                                                       | 591                                          | 722                                      |
| 01513001               | 1 x 400 rm/35            | black - black  | 4,600.0                                          | 42.0                                                       | 662                                          | 827                                      |
| 01513011               | 1 x 500 rm/35            | black - black  | 5,550.0                                          | 45.0                                                       | 744                                          | 949                                      |