

## (N) YY-O



### aplikace

Power cables for energy supply are installed in open air, in underground, in water, indoors, in cable ducts, power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not to be expected.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

### norem

DIN VDE 0276 - 603

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

### nastavení

|                                 |                                                              |
|---------------------------------|--------------------------------------------------------------|
| <b>vnitřní vodič</b>            | bare copper conductor finestranded, to<br>DIN VDE 0295 cl. 5 |
| <b>izolace jádra</b>            | Polyvinyl chloride (PVC)                                     |
| <b>Základní barevný kód</b>     | acc. to HD 308 S2                                            |
| <b>materiál vnějšího pláště</b> | Polyvinyl chloride (PVC), black                              |
| <b>Odolný vůči</b>              | UV-radiation                                                 |

### Technické údaje

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>jmenovité napětí</b>           | U <sub>0</sub> /U: 600 /1000 Volt |
| <b>Jmenovité napětí DC DC</b>     | U <sub>0</sub> /U: 900 /1800 Volt |
| <b>Zkušební napětí</b>            | 4000 Volt                         |
| <b>Poloměr ohybu bew. (xD)</b>    | 15                                |
| <b>Pevný poloměr ohybu (xD)</b>   | 15                                |
| <b>Pevná provozní teplota</b>     | -5 °C bis 70 °C                   |
| <b>Provozní teplota pohyblivá</b> | 5 °C bis 70 °C                    |
| <b>Teplota zkratu</b>             | 160 °C                            |
| <b>Doba zkratu</b>                | 5 sek.                            |

### Application

Power cables for energy supply are installed in open air, in underground, in water, indoors, in cable ducts, power stations, for industry and distribution boards as well as in subscriber networks, where mechanical damages are not to be expected.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

### Standards

DIN VDE 0276 - 603

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### Construction

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| <b>Inner Conductor</b>           | bare copper conductor finestranded, to<br>DIN VDE 0295 cl. 5 |
| <b>Core Insulation</b>           | Polyvinyl chloride (PVC)                                     |
| <b>Core Color</b>                | acc. to HD 308 S2                                            |
| <b>Outer Insulation Material</b> | Polyvinyl chloride (PVC), black                              |
| <b>Constant Against</b>          | UV-radiation                                                 |

### Technical Data

|                                     |                                   |
|-------------------------------------|-----------------------------------|
| <b>Nominal Voltage</b>              | U <sub>0</sub> /U: 600 /1000 Volt |
| <b>Nominal Volatage DC</b>          | U <sub>0</sub> /U: 900 /1800 Volt |
| <b>Test Voltage</b>                 | 4000 Volt                         |
| <b>Bending Radius moved (xD)</b>    | 15                                |
| <b>Bending Radius fixed (xD)</b>    | 15                                |
| <b>Operating Temperature solid</b>  | -5 °C to 70 °C                    |
| <b>Operating Temperature moving</b> | 5 °C to 70 °C                     |
| <b>Short Circuit Temperature</b>    | 160 °C                            |
| <b>Short Circuit Duration</b>       | 5 sek.                            |

| Art. č.<br>Prod. Nr. | volba<br>Option | dimenze<br>Dimensions | malovat<br>Color | hmotnost (kg/km)<br>Weight (kg/km) approx. | Vnější průměr (mm)<br>Outer-Diameter (mm) approx. |
|----------------------|-----------------|-----------------------|------------------|--------------------------------------------|---------------------------------------------------|
| 01328073             | O               | 1 x 25                | černá - black    | 340.0                                      | 12.3                                              |
| 01328074             | O               | 1 x 35                | černá - black    | 430.0                                      | 13.0                                              |
| 01328075             | O               | 1 x 50                | černá - black    | 600.0                                      | 15.4                                              |
| 01328026             | O               | 1 x 70                | černá - black    | 810.0                                      | 16.5                                              |
| 01328004             | O               | 1 x 95                | černá - black    | 1,010.0                                    | 18.0                                              |
| 01328087             | O               | 1 x 120               | černá - black    | 1,330.0                                    | 20.0                                              |
| 01328088             | O               | 1 x 150               | černá - black    | 1,620.0                                    | 22.0                                              |
| 01328089             | O               | 1 x 185               | černá - black    | 1,980.0                                    | 25.0                                              |
| 01328090             | O               | 1 x 240               | černá - black    | 2,560.0                                    | 30.5                                              |
| 01328091             | O               | 1 x 300               | černá - black    | 3,200.0                                    | 32.0                                              |
| 01328032             | O               | 1 x 400               | černá - black    | 4,030.0                                    | 35.0                                              |
| 01328094             | O               | 1 x 500               | černá - black    | 5,130.0                                    | 40.0                                              |
| 01328095             | O               | 1 x 630               | černá - black    | 6,850.0                                    | 42.0                                              |