



## СИП-4 4x35 TY Y 31.3-00214534-014-2002

Self-supporting wires with light-stabilized thermoplastic polyethylene insulation

Used for laying:

- *aerial electric power lines for the rated voltage of 0.6/1 kV*
- *branches to the inputs into dwellings and outbuildings*

### TECHNICAL SPECIFICATIONS

|  |                 |   |
|--|-----------------|---|
| Rated voltage  | kV              | 0.6 / 1   |
| Number and rated area of phase conductors                                    | mm <sup>2</sup> | 4 x 35  |
| Phase insulation thickness   | mm              | 1.6   |
| Current ratings *  |                 |   |
| • <i>Continuous</i>  | A               | 115   |
| • <i>at short circuit (not more than 1 s)</i>                                | kA              | 2.3   |
| Maximum permissible conductor temperature                                    |                 |   |
| • <i>Continuous</i>  | °C              | +70   |
| • <i>at short circuit (not more than 5 s)</i>                                | °C              | +135  |
| Operating temperature range  | °C              | -60 ... +50   |
| Permissible temperature of laying (installation), no less than               | °C              | -20   |
| Minimum bending radius by laying   | mm              | 243   |
| Rated outer diameter of the cable (for reference) **                         | mm              | 24.3  |
| Weight (approximate)   | kg/km           | 550   |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t            | # 16a: 1760 • 1.2<br># 18: 2010 • 1.6<br># 20: 3210 • 2.4 |

Notes:

When ordering it is necessary to agree the factory length of the product with the manufacturer

\* Long permissible current loads are calculated for the following conditions: ambient temperature plus 25 °C, wind speed 0.6 m/s, the intensity of solar radiation 1000 W/m<sup>2</sup>

\*\* The external diameter may differ from the rated up to ± 10 %



## СИП-4 4x35 ТУ У 31.3-00214534-014-2002

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### CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Light-stabilized thermoplastic polyethylene insulation

*Note: Wire lay-up is not illustrated.*

