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СГ 3x185-1 ТУ У 27.3-00214534-091:2017



Power cables with copper conductors, with impregnated paper insulation, lead-sheathed

Cables are used for laying:

in blocks

• with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

- Products of this mark meet the requirements:
- single wire cable flame retardance

TECHNICAL SPECIFICATIONS

| Datadualtaga | 147 | 4 |
|---|-------|----------------------|
| Rated voltage | kV | |
| Number and rated area of conductors | mm² | 3 x 185 |
| Insulation thikness between conductors | mm | 1.9 |
| Insulation thikness of conductor-sheath | mm | 1.55 |
| Sheath thikness | mm | 2.11 |
| Permissible continious current rating * | | |
| • by aerial laying | А | 451 |
| • by burial | А | 404 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 600 |
| Level difference along the laying rout, not more than | m | 20 |
| Metal shaeth outer diameter (for reference only) | mm | 40 |
| Rated outer diameter of the cable (for reference) ** | mm | 40 |
| Cable weight (approximate) | kg/km | 8600 |
| Rated factory cable length and gross weight of the delivery | m, t | # 18: **** 528 • 5.0 |
| on the drums *** | | |
| Notes: | | |

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

* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C,

thermal resistivity of soil 1.2 $\% \cdot m/W$, laying depth in the soil 0.7 m

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

**** Option delivery on not full drum



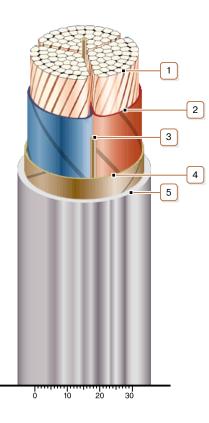


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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath

Note: Conductor twisting is not illustrated