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СБл 3х35(ож)-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- · in soil (trenches) with high corrosiveness without vagabond currents
- in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- in mines, non-hazardous as for gas and dust
- with a risk of mechanical damage and no tensile forces in operation

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 1 |
|---|-------|-----------------|
| Number and rated area of conductors | mm² | 3 x 35 |
| Insulation thikness between conductors | mm | 1.5 |
| Insulation thikness of conductor-sheath | mm | 1.25 |
| Sheath thikness | mm | 1.11 |
| Permissible continious current rating * | | |
| • by aerial laying | А | 157 |
| • by burial | А | 163 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 450 |
| Level difference along the laying rout, not more than | m | 20 |
| Metal shaeth outer diameter (for reference only) | mm | 18 |
| Rated outer diameter of the cable (for reference) ** | mm | 30 |
| Cable weight (approximate) | kg/km | 2430 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16: 420 • 1.3 |
| 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 $^{\circ}\!K\!\cdot\!m/W$, laying depth in the soil 0.7 m

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



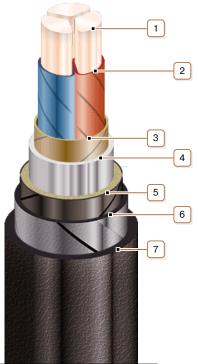


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0 5 10 15 20

CONSTRUCTION

- 1. Copper conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Lead sheath
- 5. Single-layer plastic-tape bedding
- 6. Double steel-tape armour
- 7. Outer covering

Note: Conductor twisting is not illustrated