





ЦАСБлШв 3x120(ож)-10 ТУ У 27.3-00214534-091:2017



Power cables with aluminium conductors, with non-draining impregnated paper insulation, lead-sheathed, steel-tape armoured, with PVC-compound protection hose

Cables are used for laying:

- · without level difference limitation
- in soil (trenches) with high corrosiveness without vagabond currents
- in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- · in fire-risk premises
- · on technological trestles
- · on special cable bridges
- · in mines, non-hazardous as for gas and dust
- · with a risk of mechanical damage and no tensile forces in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000

Products of this mark meet the requirements:

· single wire cable flame retardance

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 10 |
|---|-------|------------------|
| | | |
| Number and rated area of conductors | mm² | 3 x 120 |
| Insulation thikness between conductors | mm | 5.5 |
| Insulation thikness of conductor-sheath | mm | 4 |
| Sheath thikness | mm | 1.52 |
| Permissible continious current rating * | | |
| by aerial laying | Α | 234 |
| • by burial | Α | 218 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 780 |
| Metal shaeth outer diameter (for reference only) | mm | 38 |
| Rated outer diameter of the cable (for reference) ** | mm | 52 |
| Cable weight (approximate) | kg/km | 5460 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 370 • 2.3 |
| on the drums *** | | # 18: 430 • 2.8 |
| | | # 20: 680 • 4.4 |

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 °K • m/W, laying depth in the soil 0.7 m

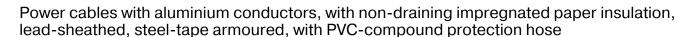
^{**} The external diameter may differ from the rated up to \pm 10 %

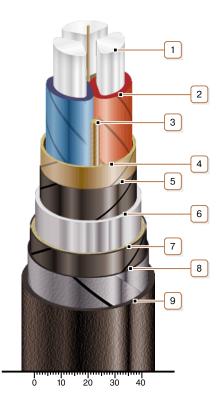






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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Single-layer plastic-tape bedding
- 8. Double steel-tape armour
- 9. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated