





ЦАСБГ 3x150-6 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- · without level difference limitation
- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes
- · in fire-risk premises
- · on technological trestles
- · on special cable bridges
- · with a risk of mechanical damage and no tensile forces in operation

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ100000000

Products of this mark meet the requirements:

· single wire cable flame retardance

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 6 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 3 x 150 |
| Insulation thikness between conductors | mm | 4 |
| Insulation thikness of conductor-sheath | mm | 2.95 |
| Sheath thikness | mm | 1.52 |
| Permissible continious current rating * | | |
| by aerial laying | Α | 285 |
| • by burial | Α | 275 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 705 |
| Metal shaeth outer diameter (for reference only) | mm | 39 |
| Rated outer diameter of the cable (for reference) ** | mm | 47 |
| Cable weight (approximate) | kg/km | 5130 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 440 • 2.5 |
| on the drums *** | | # 18: 500 • 3.0 |
| | | |

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 %



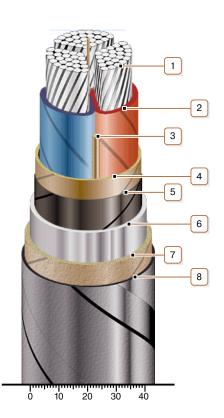




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Bedding
- 8. Double galvanized steel-tape armour

Note: Conductor twisting is not illustrated