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АСШв 4x70-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, lead-sheathed, with PVC-compound protection hose

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes
- · with no risk of mechanical damage 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 | 1 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 4 x 70 |
| Insulation thikness between conductors | mm | 1.5 |
| Insulation thikness of conductor-sheath | mm | 1.25 |
| Sheath thikness | mm | 1.36 |
| Permissible continious current rating * | | |
| by aerial laying | Α | 167 |
| • by burial | Α | 171 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 555 |
| Level difference along the laying rout, not more than | m | 20 |
| Metal shaeth outer diameter (for reference only) | mm | 30 |
| Rated outer diameter of the cable (for reference) ** | mm | 37 |
| Cable weight (approximate) | kg/km | 2850 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 700 • 2.3 |
| 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 during operation in four-wire networks with load in all the conductors 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 %



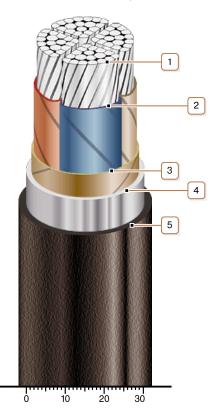




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Belt insulation
- 4. Lead sheath
- 5. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated