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ЦАСБвШнг 3x35(ож)-6 ТУ У 27.3-00214534-091:2017



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

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 special cable bridges
- with a risk of mechanical damage and no tensile forces in operation
- in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

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

TECHNICAL SPECIFICATIONS

| Rated voltage | kV | 6 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 3 x 35 |
| Insulation thikness between conductors | mm | 4 |
| Insulation thikness of conductor-sheath | mm | 2.95 |
| Sheath thikness | mm | 1.21 |
| Permissible continious current rating * | | |
| • by aerial laying | А | 117 |
| • by burial | А | 121 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 555 |
| Metal shaeth outer diameter (for reference only) | mm | 24 |
| Rated outer diameter of the cable (for reference) ** | mm | 37 |
| Cable weight (approximate) | kg/km | 3000 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 700 • 2.4 |
| 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 °K · m/W, laying depth in the soil 0.7 m

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



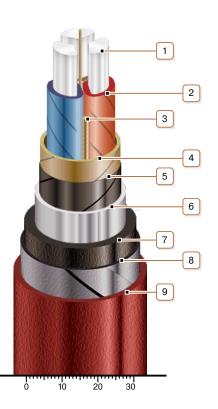


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CONSTRUCTION

- 1. Aluminium conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Bedding with PVC compound moulded-in hose
- 8. Double galvanized steel-tape armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated