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ЦСПлШнг 3x50(ож)-10 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- · without level difference limitation
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- · with a risk of mechanical damage and 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 | 10 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 3 x 50 |
| Insulation thikness between conductors | mm | 5.5 |
| Insulation thikness of conductor-sheath | mm | 4 |
| Sheath thikness | mm | 1.36 |
| Permissible continious current rating * | | |
| • by aerial laying | Α | 175 |
| • by burial | Α | 176 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 705 |
| Metal shaeth outer diameter (for reference only) | mm | 30 |
| Rated outer diameter of the cable (for reference) ** | mm | 47 |
| Cable weight (approximate) | kg/km | 5720 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 440 · 2.8 |
| on the drums *** | | # 18: 500 • 3.3 |
| | | |

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 %



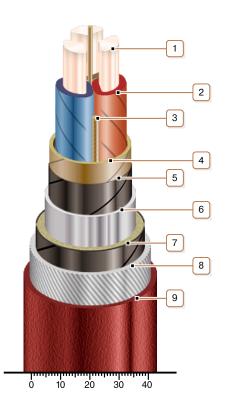




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CONSTRUCTION

- 1. Copper 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. Round galvanized steel-wire armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated