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55401-102003000120 III III 88-0572) 946-830



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

Cables are used for laying:

СП2лШнг 3х120-10

- in soil (trenches) with high corrosiveness, as well as with vagabond currents
- in soil (trenches) with high corrosiveness without vagabond currents
- in mines, non-hazardous as for gas and dust

ТУ У 27.3-00214534-091:2017

- with a risk of mechanical damage and tensile forces in operation
- in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ΠБ120000000 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 120 |
| Insulation thikness between conductors | mm | 5.5 |
| Insulation thikness of conductor-sheath | mm | 4 |
| Sheath thikness | mm | 1.56 |
| Permissible continious current rating * | | |
| • by aerial laying | А | 305 |
| • by burial | А | 284 |
| Operating temperature range | °C | -50 +50 |
| Minimum bending radius by laying | mm | 870 |
| Level difference along the laying rout, not more than | m | 15 |
| Metal shaeth outer diameter (for reference only) | mm | 41 |
| Rated outer diameter of the cable (for reference) ** | mm | 58 |
| Cable weight (approximate) | kg/km | 9590 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 300 • 3.1 |
| on the drums *** | | # 18: 340 • 3.7 |
| Notes: | | |

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 \cdot m/W, laying depth in the soil 0.7 m

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



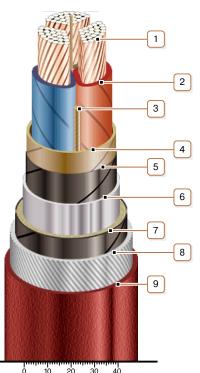


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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Double-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

20 10 30 40