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# ЦСБШв 3х95-6 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- without level difference limitation
- · in soil (trenches) with high corrosiveness without vagabond currents
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- in fire-risk premises
- · on technological trestles
- on special cable bridges
- in mines, non-hazardous as for gas and dust
- with a risk of mechanical damage and no tensile forces in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

- 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 95           |
| Insulation thikness between conductors                      | mm    | 4                |
| Insulation thikness of conductor-sheath                     | mm    | 2.95             |
| Sheath thikness   | mm    | 1.42             |
| Permissible continious current rating *                     |       |                  |
| • by aerial laying  | А     | 296              |
| • by burial   | А     | 280              |
| Operating temperature range                                 | °C    | -50 +50          |
| Minimum bending radius by laying                            | mm    | 705              |
| Metal shaeth outer diameter (for reference only)            | mm    | 34               |
| Rated outer diameter of the cable (for reference) **        | mm    | 47               |
| Cable weight (approximate)                                  | kg/km | 6270             |
| Rated factory cable length and gross weight of the delivery | m, t  | # 16a: 440 • 3.0 |
| on the drums ***  |       | # 18: 500 • 3.6  |
| Nataa   |       |                  |

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 %

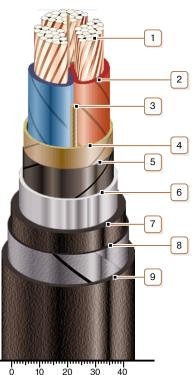




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## **CONSTRUCTION**

- 1. Copper multiwire compact 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 PVC compound protection hose

Note: Conductor twisting is not illustrated

10 20 30 40