







# ЦАСПлШнг 3х185(ож)-6 ТУ У 27.3-00214534-091:2017

Power cables with aluminium 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    | 6               |
|---|-------|-----------------|
| Number and rated area of conductors                         | mm²   | 3 x 185         |
| Insulation thikness between conductors                      | mm    | 4               |
| Insulation thikness of conductor-sheath                     | mm    | 2.95            |
| Sheath thikness   | mm    | 1.52            |
| Permissible continious current rating *                     |       |                 |
| • by aerial laying  | Α     | 333             |
| • by burial   | Α     | 307             |
| Operating temperature range                                 | °C    | -50 +50         |
| Minimum bending radius by laying                            | mm    | 870             |
| Metal shaeth outer diameter (for reference only)            | mm    | 40              |
| Rated outer diameter of the cable (for reference) **        | mm    | 58              |
| Cable weight (approximate)                                  | kg/km | 7600            |
| Rated factory cable length and gross weight of the delivery | m, t  | # 18: 340 • 3.0 |
| on the drums ***  |       | # 20: 550 • 4.8 |

#### Notes:

When ordering it is neccesary to agree the factory length of the product with the manufacturer

<sup>\*</sup> 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

<sup>\*\*</sup> The external diameter may differ from the rated up to  $\pm$  10 %



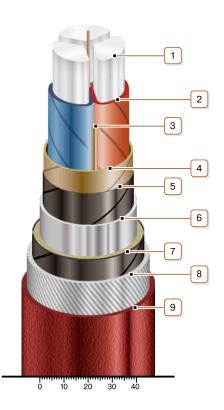






## ЦАСПлШнг 3x185(ож)-6 ТУ У 27.3-00214534-091:2017

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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. 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