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## АСБнлШнг 3х185-1 ТУ У 27.3-00214534-091:2017



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

Cables are used for laying:

- 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    | 1               |
|---|-------|-----------------|
| Number and rated area of conductors                         | mm²   | 3 x 185         |
| Insulation thikness between conductors                      | mm    | 1.9             |
| Insulation thikness of conductor-sheath                     | mm    | 1.55            |
| Sheath thikness   | mm    | 1.56            |
| Permissible continious current rating *                     |       |                 |
| • by aerial laying  | А     | 342             |
| • by burial   | А     | 314             |
| Operating temperature range                                 | °C    | -50 +50         |
| Minimum bending radius by laying                            | mm    | 810             |
| Level difference along the laying rout, not more than       | m     | 25              |
| Metal shaeth outer diameter (for reference only)            | mm    | 40              |
| Rated outer diameter of the cable (for reference) **        | mm    | 54              |
| Cable weight (approximate)                                  | kg/km | 5520            |
| Rated factory cable length and gross weight of the delivery | m, t  | # 18: 400 • 2.7 |
| on the drums ***  |       | # 20: 630 • 4.1 |
|   |       | # 22: 720 • 4.8 |
| Notos   |       |                 |

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 %



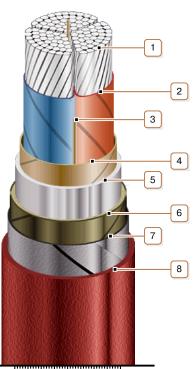


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## **CONSTRUCTION**

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Plastic-tape and glass-tape bedding
- 7. Double galvanized steel-tape armour
- 8. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

0 10 20 30 40