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АСПлШнг 3х150-1 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes
- · 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 | 1 |
|---|-------|------------------|
| Number and rated area of conductors | mm² | 3 x 150 |
| Insulation thikness between conductors | mm | 1.7 |
| Insulation thikness of conductor-sheath | mm | 1.45 |
| Sheath thikness | mm | 1.46 |
| Permissible continious current rating * | | |
| by aerial laying | Α | 300 |
| • by burial | Α | 281 |
| 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 | 34 |
| Rated outer diameter of the cable (for reference) ** | mm | 54 |
| Cable weight (approximate) | kg/km | 6190 |
| Rated factory cable length and gross weight of the delivery | m, t | # 16a: 350 • 2.4 |
| on the drums *** | | # 18: 400 • 2.9 |
| | | # 20: 630 • 4.5 |

Notes:

When ordering it is necessary 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 %



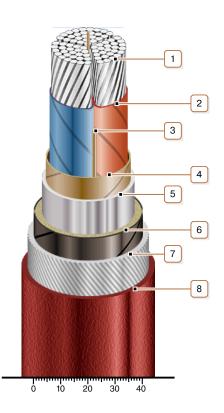




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Lead sheath
- 6. Single-layer plastic-tape bedding
- 7. Round galvanized steel-wire armour
- 8. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated