



АСШнг 3x120+1x70-1 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- *in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness*
- *with no risk of mechanical damage in operation*
- *in bunches*

Fire safety code in accordance with ДСТУ 4809:2007: ПБ1300000000

Products of this mark meet the requirements:

- *single wire cable flame retardance*
- *bunched cable flame retardance category B*

TECHNICAL SPECIFICATIONS

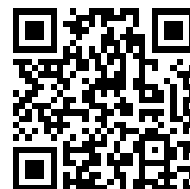
| | | |
|--|-----------------|-------------------------------------|
| Rated voltage | kV | 1 |
| Number and rated area of conductors | mm ² | 3 x 120 + 1 x 70 |
| Insulation thickness between conductors | mm | 1.7 |
| Insulation thickness of conductor-sheath | mm | 1.45 |
| Sheath thickness | mm | 1.46 |
| Permissible continuous current rating * | | |
| • <i>by aerial laying</i> | A | 261 |
| • <i>by burial</i> | A | 248 |
| Operating temperature range | °C | -50 ... +50 |
| Minimum bending radius by laying | mm | 630 |
| Level difference along the laying rout, not more than | m | 20 |
| Metal sheath outer diameter (for reference only) | mm | 36 |
| Rated outer diameter of the cable (for reference) ** | mm | 42 |
| Cable weight (approximate) | kg/km | 3840 |
| Rated factory cable length and gross weight of the delivery on the drums *** | m, t | # 16a: 570 • 2.4 # 18: 660 • 3.0 |

Notes:

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

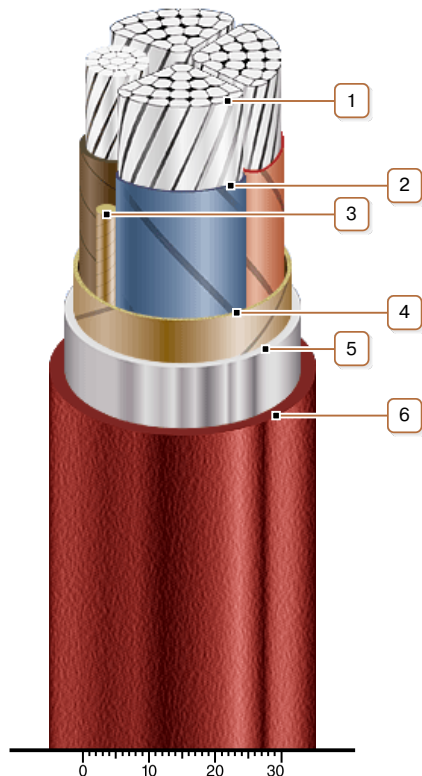
* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



АСШнг 3х120+1х70-1 ТУ У 27.3-00214534-091:2017

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



CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Impregnated paper insulation
3. Cable paper bundle
4. Belt insulation
5. Lead sheath
6. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated