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151201-011003000035

ААБнлШнг 3х35(ож)-1
ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:
- *in fire-risk premises*
- *on technological trestles*
- *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	mm^2	3 x 35
Insulation thikness between conductors	mm	1.5
Insulation thikness of conductor-sheath	mm	1.25
Sheath thikness	mm	1.15
Permissible continious current rating *		
• *by aerial laying*	A	118
• *by burial*	A	126
Operating temperature range	˚C	-50 ... +50
Minimum bending radius by laying	mm	775
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	18
Rated outer diameter of the cable (for reference) **	mm	31
Cable weight (approximate)	kg/km	1450
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 16: 370 • 0.8

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 ± 10 %*

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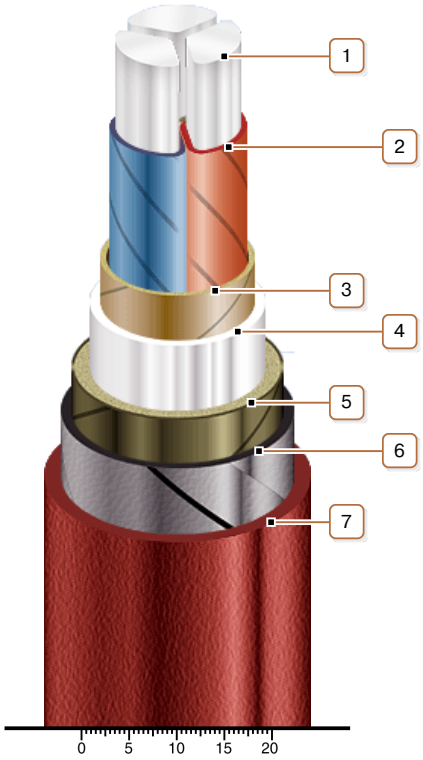
Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-tape armoured, with low-flammable PVC-compound protection hose



CONSTRUCTION

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

Note: Conductor twisting is not illustrated

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