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180114-630500100000

АВВГнг 3х50 (ож)-6
ТУ У 31.3-00214534-018-2003

Power cables with aluminium conductors, with PVC-compound insulation, with low-flammable PVC-compound outer sheath

Cables are used for laying:
- *in bunches*
- *in premises, dry ducts and tunnels, in corrosive environment*

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	mm^2	3 x 50
Phase insulation thikness	mm	3.4
Permissible continious current rating (AC of industrial frequency) *		
• *by aerial laying*	A	126
• *by burial*	A	143
Maximum permissible conductor temperature		
• *Continious*	°C	+70
• *in emergency operation*	°C	+90
• *at short circuit*	°C	+160
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	322.5
Rated outer diameter of the cable (for reference) **	mm	43
Cable weight (approximate)	kg/km	2230
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 16a: 520 • 1.4 # 18: 600 • 1.8 # 20: 960 • 2.8

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 %*

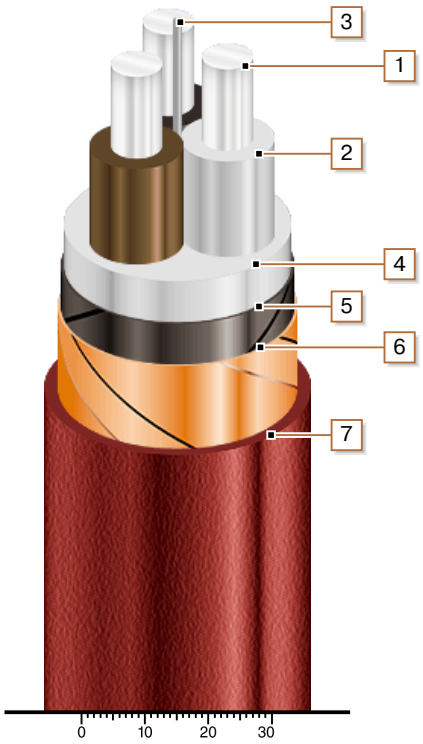
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CONSTRUCTION

1. Aluminium conductor
2. PVC compound insulation
3. PVC compound bundle
4. PVC compound belt insulation
5. Lapping layer of semiconductive paper
6. Copper screen
7. Low flammable PVC compound outer sheath

Note: conductor twisting is not illustrated

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