180113-132400200000

ВВГзнг 3х240-1
ТУ У 31.3-00214534-018-2003

Power cables with copper 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	1
Number and rated area of conductors	mm^2	3 x 240
Phase insulation thikness	mm	2.2
Permissible continious current rating (AC of industrial frequency) *		
· *by aerial laying*	A	472
· *by burial*	A	471
Maximum permissible conductor temperature		
· *Continious*	℃	+70
· *in emergency operation*	℃	+90
· *at short circuit*	℃	+160
Operating temperature range	℃	-50 … +50
Minimum bending radius by laying	mm	390
Rated outer diameter of the cable (for reference) **	mm	52
Cable weight (approximate)	kg/km	8000
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 18: 430 · 3.9 # 20: 680 · 6.1

Notes:

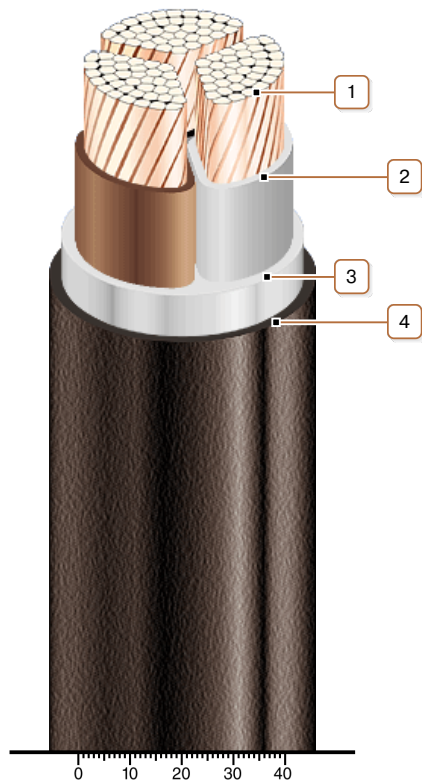*When ordering it is neccesary to agree the factory length of the product with the manufacturer*

* Long permissible current loads are calculated for the following conditions: air temperature plus 25 ℃, soil temperature plus 15 ℃,

thermal resistivity of soil 1.2 ℃·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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ВВГзнг 3x240-1
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Power cables with copper conductors, with PVC-compound insulation, with low-flammable PVC-compound outer sheath

CONSTRUCTION

1. *Copper multiwire compact conductor*
2. *PVC compound insulation*
3. *PVC compound belt insulation*
4. *Low flammable PVC compound outer sheath*

Note: Conductor twisting is not illustrated