7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830
E-mail: market@yuzhcable.com.ua

180113-131850210950

ВВГзнг 3х185+1х95-1
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 185 + 1 x 95
Phase insulation thikness	mm	2
Permissible continious current rating (AC of industrial frequency) *		
• *by aerial laying*	A	397
• *by burial*	A	405
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	397.5
Rated outer diameter of the cable (for reference) **	mm	53
Cable weight (approximate)	kg/km	7450
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 18: 400 • 3.4 # 20: 630 • 5.3

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 %*

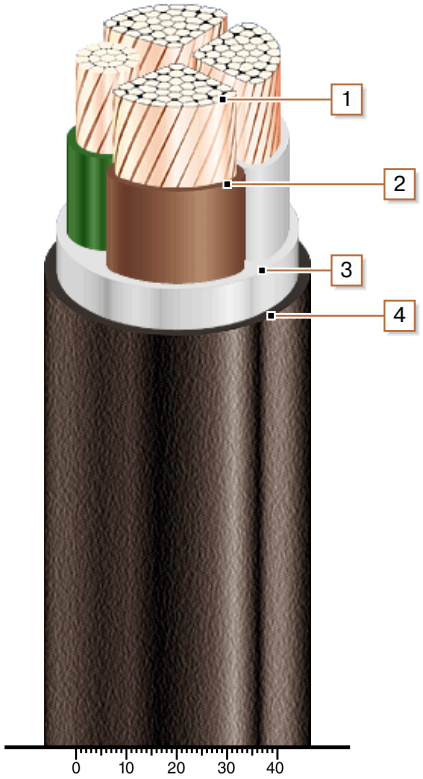
© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan

7, Autogennaya Str., Kharkov, 61099, Ukraine. Phone: (+38-057) 728-1244, 728-1241. Fax: (+38-057) 728-1243, (+38-0572) 946-830
E-mail: market@yuzhcable.com.ua

180113-131850210950

ВВГзнг 3х185+1х95-1
ТУ У 31.3-00214534-018-2003

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

© 2024 PJSC Yuzhcable Works. © 2024 A. Kevorkyan