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СГ 3x185-10 ТУ У 27.3-00214534-091:2017



Power cables with copper conductors, with impregnated paper insulation, lead-sheathed

Cables are used for laying:

in blocks

• with no risk of mechanical damage in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ10000000

- Products of this mark meet the requirements:
- single wire cable flame retardance

TECHNICAL SPECIFICATIONS

Rated voltage	kV	10
Number and rated area of conductors	mm²	3 x 185
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	2.26
Permissible continious current rating *		
by aerial laying	А	442
• by burial	А	352
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	765
Level difference along the laying rout, not more than	m	15
Metal shaeth outer diameter (for reference only)	mm	49
Rated outer diameter of the cable (for reference) **	mm	51
Cable weight (approximate)	kg/km	10150
Rated factory cable length and gross weight of the delivery	m, t	# 18: 430 • 4.8
on the drums		
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 \pm 10 %



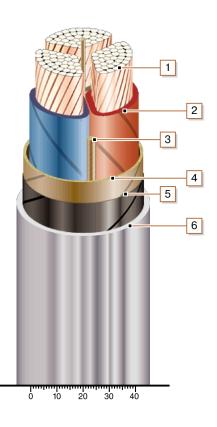


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CONSTRUCTION

- 1. Copper multiwire compact conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath

Note: conductor twisting is not illustrated