

## ЦАБ 3x185-10 TY Y 27.3-00214534-091:2017

Power cables with aluminium conductors, with non-draining impregnated paper insulation, lead-sheathed, steel-tape armoured

Cables are used for laying:

- *without level difference limitation*
- *in soil (trenches) with medium corrosiveness without vagabond currents*
- *in soil (trenches) with low corrosiveness, as well as with vagabond currents*
- *in mines, non-hazardous as for gas and dust*
- *with a risk of mechanical damage and no tensile forces in operation*

### TECHNICAL SPECIFICATIONS

Rated voltage	kV	10
Number and rated area of conductors	mm <sup>2</sup>	3 x 185
Insulation thickness between conductors	mm	5.5
Insulation thickness of conductor-sheath	mm	4
Sheath thickness	mm	1.66
Permissible continuous current rating *		
• <i>by aerial laying</i>	A	298
• <i>by burial</i>	A	275
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	900
Metal sheath outer diameter (for reference only)	mm	49
Rated outer diameter of the cable (for reference) **	mm	60
Cable weight (approximate)	kg/km	7050
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 18: 320 • 2.7 # 20: 510 • 4.2 # 22: 580 • 4.9

Notes:

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

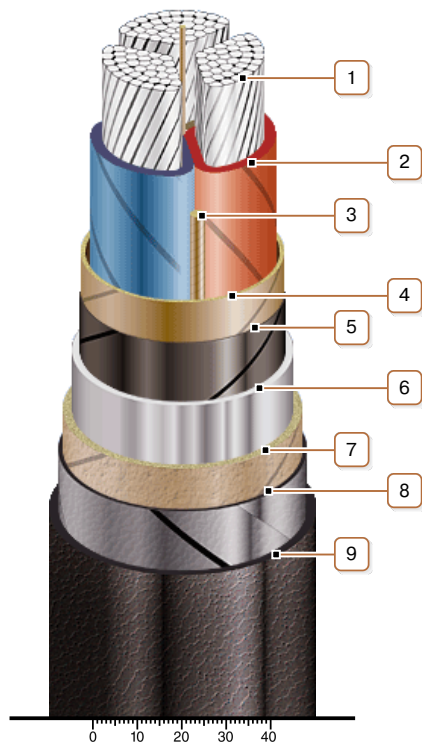
\* Long permissible current loads are calculated for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

\*\* The external diameter may differ from the rated up to ± 10 %



## ЦАБ 3x185-10 ТУ У 27.3-00214534-091:2017

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### CONSTRUCTION

1. Aluminium multiwire compacted conductor
2. Impregnated paper insulation
3. Cable paper bundle
4. Belt insulation
5. Conducting paper screen
6. Lead sheath
7. Bedding
8. Double steel-tape armour
9. Outer covering

*Note: Conductor twisting is not illustrated*