150702-101003000185

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ЦААБл 3х185(ож)-10
ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:
- *without level difference limitation*
- *in soil (trenches) with medium corrosiveness without vagabond currents*
- *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^2	3 x 185
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.75
Permissible continious current rating *		
• *by aerial laying*	A	298
• *by burial*	A	275
Operating temperature range	°C	-50 … +50
Minimum bending radius by laying	mm	1400
Metal shaeth outer diameter (for reference only)	mm	44
Rated outer diameter of the cable (for reference) **	mm	56
Cable weight (approximate)	kg/km	4700
Rated factory cable length and gross weight of the delivery on the drums ***	m, t	# 18: 370 • 2.2 # 20: 590 • 3.4 # 22: 670 • 4.0

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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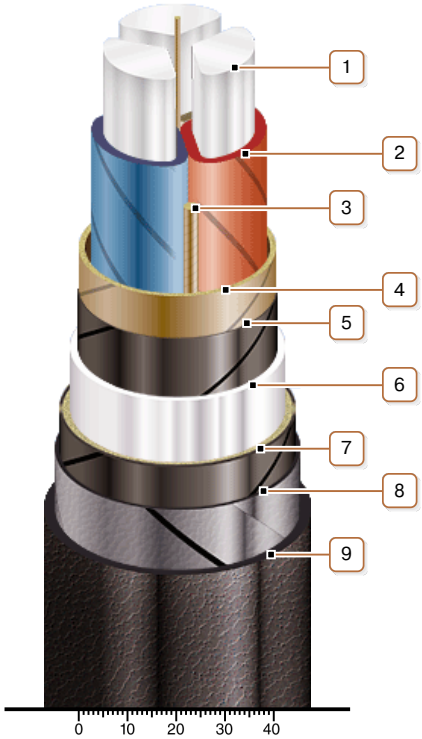

CONSTRUCTION

1. *Aluminium conductor*
2. *Impregnated paper insulation*
3. *Cable paper bundle*
4. *Belt insulation*
5. *Conducting paper screen*
6. *Aluminium sheath*
7. *Single-layer plastic-tape bedding*
8. *Double steel-tape armour*
9. *Outer covering*

Note: Conductor twisting is not illustrated

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