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# ЦАСШнг 3х185-6 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with non-draining impregnated paper insulation, lead-sheathed, with low-flammable PVC-compound protection hose

Cables are used for laying:

· without level difference limitation

• in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes

• with no risk of mechanical damage in operation

in bunches

Fire safety code in accordance with ACTY 4809:2007:  $\Pi E130000000$ Products of this mark meet the requirements:

• single wire cable flame retardance

bunched cable flame retardance category B

### **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	6
Number and rated area of conductors	mm²	3 x 185
Insulation thikness between conductors	mm	4
Insulation thikness of conductor-sheath	mm	2.95
Sheath thikness	mm	1.62
Permissible continious current rating *		
• by aerial laying	А	333
• by burial	А	307
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	780
Metal shaeth outer diameter (for reference only)	mm	45
Rated outer diameter of the cable (for reference) **	mm	52
Cable weight (approximate)	kg/km	5270
Rated factory cable length and gross weight of the delivery	m, t	# 18: 430 • 2.7
on the drums ***		# 20: 680 • 4.2
Notes:		

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  $^{\circ}$ K•m/W, laying depth in the soil 0.7 m

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

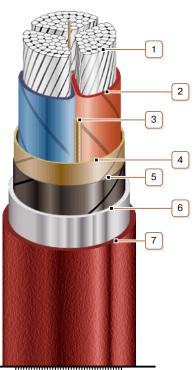




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### **CONSTRUCTION**

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated

0 10 20 30 40