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# <mark>ЦАСШнг 3х35(ож)-10</mark> 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  $\square$ CTY 4809:2007:  $\square$ E130000000 Products of this mark meet the requirements:

• single wire cable flame retardance

bunched cable flame retardance category B

## **TECHNICAL SPECIFICATIONS**

Rated voltage	kV	10
Number and rated area of conductors	mm²	3 x 35
Insulation thikness between conductors	mm	5.5
Insulation thikness of conductor-sheath	mm	4
Sheath thikness	mm	1.32
Permissible continious current rating *		
• by aerial laying	А	106
• by burial	А	110
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	525
Metal shaeth outer diameter (for reference only)	mm	28
Rated outer diameter of the cable (for reference) **	mm	35
Cable weight (approximate)	kg/km	2450
Rated factory cable length and gross weight of the delivery	m, t	# 16a: 780 • 2.2
on the drums ***		
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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 %

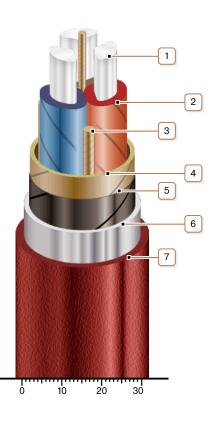




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### **CONSTRUCTION**

- 1. Aluminium 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