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ААБ2лШв 3х240-1 ТУ У 27.3-00214534-091:2017

Power cables with aluminium conductors, with impregnated paper insulation, aluminium-sheathed, steel-tape armoured, with PVC-compound protection hose

Cables are used for laying:

- in soil (trenches) with high corrosiveness without vagabond currents
- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosivenes
- · on technological trestles
- · in mines, non-hazardous as for gas and dust
- · with a risk of mechanical damage and no tensile forces in operation

Fire safety code in accordance with ДСТУ 4809:2007: ПБ100000000 Products of this mark meet the requirements:

single wire cable flame retardance

TECHNICAL SPECIFICATIONS

Rated voltage	kV	1
Number and rated area of conductors	mm²	3 x 240
Insulation thikness between conductors	mm	1.9
Insulation thikness of conductor-sheath	mm	1.55
Sheath thikness	mm	1.65
Permissible continious current rating *		
by aerial laying	Α	402
• by burial	Α	359
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	1400
Level difference along the laying rout, not more than	m	25
Metal shaeth outer diameter (for reference only)	mm	43
Rated outer diameter of the cable (for reference) **	mm	56
Cable weight (approximate)	kg/km	5090
Rated factory cable length and gross weight of the delivery	m, t	# 18: 370 • 2.3
on the drums ***		# 20: 590 • 3.6
		# 22: 670 • 4.2

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 \pm 10 %



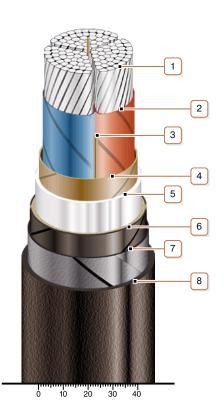






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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Aluminium sheath
- 6. Double-layer plastic-tape bedding
- 7. Double steel-tape armour
- 8. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated