



АСШВ 4x35(ож)-1 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- in dry premises (tunnels), ducts, cable cellars, mines, collectors, industrial and other premises, including damp, partially flooded premises, environment with medium and high corrosiveness
- with no risk of mechanical damage 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

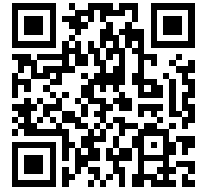
Rated voltage	kV	1
Number and rated area of conductors	mm ²	4 x 35
Insulation thickness between conductors	mm	1.5
Insulation thickness of conductor-sheath	mm	1.25
Sheath thickness	mm	1.15
Permissible continuous current rating *		
• by aerial laying	A	110
• by burial	A	117
Operating temperature range	°C	-50 ... +50
Minimum bending radius by laying	mm	420
Level difference along the laying route, not more than	m	20
Metal sheath outer diameter (for reference only)	mm	21
Rated outer diameter of the cable (for reference) **	mm	28
Cable weight (approximate)	kg/km	1660
Rated factory cable length and gross weight of the delivery on the drums	m, t	# 16: 490 • 1.1

Notes:

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

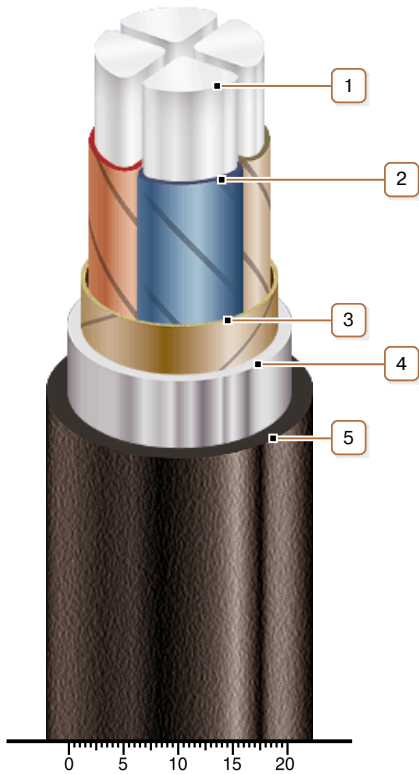
* Long permissible current loads are calculated during operation in four-wire networks with load in all the conductors for the following conditions: air temperature plus 25 °C, soil temperature plus 15 °C, thermal resistivity of soil 1.2 °K·m/W, laying depth in the soil 0.7 m

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



АСШВ 4x35(ож)-1 ТУ У 27.3-00214534-091:2017

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



CONSTRUCTION

1. Aluminium conductor
2. Impregnated paper insulation
3. Belt insulation
4. Lead sheath
5. Pressed PVC compound protection hose

Note: Conductor twisting is not illustrated