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ЦАСПлШнг 3x150-10 ТУ У 27.3-00214534-091:2017

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

Cables are used for laying:

- · without level difference limitation
- · in soil (trenches) with medium corrosiveness, as well as with vagabond currents
- · with a risk of mechanical damage and tensile forces in operation
- · in bunches

Fire safety code in accordance with ДСТУ 4809:2007: ПБ120000000

Products of this mark meet the requirements:

- · single wire cable flame retardance
- · bunched cable flame retardance category A

TECHNICAL SPECIFICATIONS

Number and rated area of conductors mm² 3 x 150 Insulation thikness between conductors mm 5.5 Insulation thikness of conductor-sheath mm 4 Sheath thikness mm 1.62 Permissible continious current rating * • by aerial laying A 264 • by burial A 246 Operating temperature range °C -50 +50 Minimum bending radius by laying mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery on the drums *** # 20: 440 • 4.3	Rated voltage	kV	10
Insulation thikness of conductor-sheath mm 4 Sheath thikness mm 1.62 Permissible continious current rating * • by aerial laying A 264 • by burial A 246 Operating temperature range °C -50 +50 Minimum bending radius by laying mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Number and rated area of conductors	mm²	3 x 150
Sheath thikness mm 1.62 Permissible continious current rating * • by aerial laying A 264 • by burial A 246 Operating temperature range °C -50 +50 Minimum bending radius by laying mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Insulation thikness between conductors	mm	5.5
Permissible continious current rating * • by aerial laying • by burial Operating temperature range Minimum bending radius by laying Metal shaeth outer diameter (for reference only) Rated outer diameter of the cable (for reference) ** Cable weight (approximate) Rated factory cable length and gross weight of the delivery A 264 C -50 +50 mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Insulation thikness of conductor-sheath	mm	4
 by aerial laying by burial Operating temperature range C -50+50 Minimum bending radius by laying Metal shaeth outer diameter (for reference only) Rated outer diameter of the cable (for reference) ** Cable weight (approximate) Rated factory cable length and gross weight of the delivery # 18: 270 • 2.7 	Sheath thikness	mm	1.62
• by burial Operating temperature range °C -50 +50 Minimum bending radius by laying Metal shaeth outer diameter (for reference only) Rated outer diameter of the cable (for reference) ** Cable weight (approximate) Rated factory cable length and gross weight of the delivery A 246 The company of the cable of the delivery A 246 The company of the cable of the delivery The cable of the c	Permissible continious current rating *		
Operating temperature range °C -50 +50 Minimum bending radius by laying mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	• by aerial laying	Α	264
Minimum bending radius by laying mm 930 Metal shaeth outer diameter (for reference only) mm 44 Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	• by burial	Α	246
Metal shaeth outer diameter (for reference only)mm44Rated outer diameter of the cable (for reference) **mm62Cable weight (approximate)kg/km8420Rated factory cable length and gross weight of the deliverym, t# 18: 270 • 2.7	Operating temperature range	°C	-50 +50
Rated outer diameter of the cable (for reference) ** mm 62 Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Minimum bending radius by laying	mm	930
Cable weight (approximate) kg/km 8420 Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Metal shaeth outer diameter (for reference only)	mm	44
Rated factory cable length and gross weight of the delivery m, t # 18: 270 • 2.7	Rated outer diameter of the cable (for reference) **	mm	62
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on the drums *** # 20: 440 • 4.3	Rated factory cable length and gross weight of the delivery	m, t	# 18: 270 • 2.7
	on the drums ***		# 20: 440 • 4.3

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 %



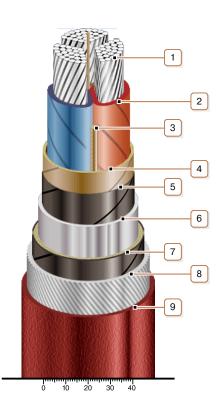




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CONSTRUCTION

- 1. Aluminium multiwire compacted conductor
- 2. Impregnated paper insulation
- 3. Cable paper bundle
- 4. Belt insulation
- 5. Conducting paper screen
- 6. Lead sheath
- 7. Single-layer plastic-tape bedding
- 8. Round galvanized steel-wire armour
- 9. Pressed off low-flammable PVC compound protection hose

Note: Conductor twisting is not illustrated