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NAYY-O 3x16+1x10 RE-0.6/1 DIN VDE 0276-603

Power cables with aluminium conductors, with PVC-compound insulation, with PVC-compound outer sheath

Cables are used for laying:

- single laying
- in premises, dry ducts and tunnels, in corrosive environment

Fire safety code in accordance with ACTY 4809:2007: $\Pi E100000000$ 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 16 + 1 x 10
Phase insulation thikness	mm	1
Permissible continious current rating (AC of industrial frequency) *	r	
• by aerial laying	Α	67
• by burial	Α	77
Maximum permissible conductor temperature		
Continious	°C	+70
in emergency operation	°C	+90
at short circuit	°C	+160
Operating temperature range	°C	-50 +50
Minimum bending radius by laying	mm	172.5
Rated outer diameter of the cable (for reference) **	mm	23
Cable weight (approximate)	kg/km	1190
Rated factory cable length and gross weight of the delivery	m, t	# 14: 1090 • 1.5
on the drums ***		

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 %

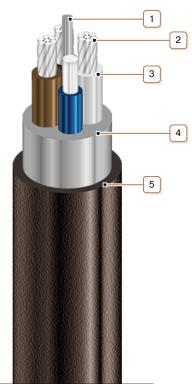




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0 5 10 15 20

CONSTRUCTION

- 1. Filling harness
- 2. Aluminium multiwire conductor
- 3. PVC compound insulation
- 4. PVC compound inner sheath
- 5. PVC compound outer sheath