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INSTALLATION CABLES

FR-N07V-A-R

PVC insulated wires, stranded

Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.

TECHNICAL DATA

Standard
adapted to EN 50525-2-31

Certificate
EZÚ Czech Republic

Test Voltage
2,5 kV / 50 Hz

Rated Voltage
450/750 V

Bending radius (min.)
5 x Ø up to 50 mm2
6 x Ø over 50 mm2

Fire properties
EN 60332-1-2: self-extinguishing
CPR classification: Eca

Core identification
According to EN 50525-1: BK, BU, BN, GY, OG, PK, RD, VT, WH, GNYE

Temperature range
Laying temperature: min. 5°C
Operating temperature: -5°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 160°C

DESIGN



1. Aluminium conductor, stranded wire (-R)
2. Core insulation (PVC)

Nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
16	1.91	7.0	72
25	1.2	8.6	111
35	0.868	9.6	142
50	0.641	11.2	193
70	0.443	12.9	270
95	0.32	15.1	365
120	0.253	17.1	450
150	0.206	18.4	545
185	0.164	20.7	670
240	0.125	23.1	859
300	0.1	26.8	1090

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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