KONEKA

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INSTALLATION CABLES

AY

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
TP PRAKAB 01/24

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, round solid (RE) or round stranded (RM)
2. Core insulation (PVC)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 10 RE	3.08	58	5.9	53
1 x 10 RM	3.08	58	6.2	55
1 x 16 RE	1.91	82	6.7	71
1 x 16 RM	1.91	82	7.1	76
1 x 25 RM	1.2	110	8.7	114
1 x 35 RM	0.868	135	9.7	146
1 x 50 RM	0.641	166	11.4	196
1 x 70 RM	0.443	210	12.9	262
1 x 95 RM	0.32	259	15.1	358
1 x 120 RM	0.253	302	16.4	433
1 x 150 RM	0.206	345	18.3	534
1 x 185 RM	0.164	401	20.4	667
1 x 240 RM	0.125	479	23.2	863
1 x 300 RM	0.1	550	25.9	1069
1 x 400 RM	0.078	653	29.6	1363

Technical changes reserved. All figures are therefore without guarantee.

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