We Make Modern
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POWER CABLES AND OVERHEAD LINES 0.6/1 KV

1-AYY

PVC/PVC aluminium energy cables

The cables are designed for fixed installation on cable trays, cable ducts or ground.

TECHNICAL DATA

Standard
ČSN 34 7659-3P

Certificate
EZÚ Czech Republic

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV

Bending radius (min.)
15 x Ø of cable

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

Core identification
HD308 S2 (CR, HA, MD, SE, ZZ and others depending on customer demand)

Temperature range
Laying temperature: min. -10°C
Operating temperature: -50°C up to 70°C
Conductor temperature: max. 70°C
Short circuit temperature: max. 140°C

DESIGN



1. Aluminium conductor, round stranded (RM)
2. Core insulation (PVC)
3. Sheath (PVC black, UV-resistant)

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1 x 25 RM	1.2	160	110	12.0	150
1 x 35 RM	0.868	193	135	13.0	195
1 x 50 RM	0.641	230	166	14.6	250
1 x 70 RM	0.443	283	210	16.2	300
1 x 95 RM	0.32	340	259	18.3	520
1 x 120 RM	0.253	389	302	19.8	595
1 x 150 RM	0.206	436	345	21.5	715
1 x 185 RM	0.164	496	401	24.2	900
1 x 240 RM	0.125	578	479	26.8	1090
1 x 300 RM	0.1	656	555	29.9	1390
1 x 400 RM	0.078	756	653	32.6	1790
1 x 500 RM	0.061	873	772	36.9	2130

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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