PRAKAB

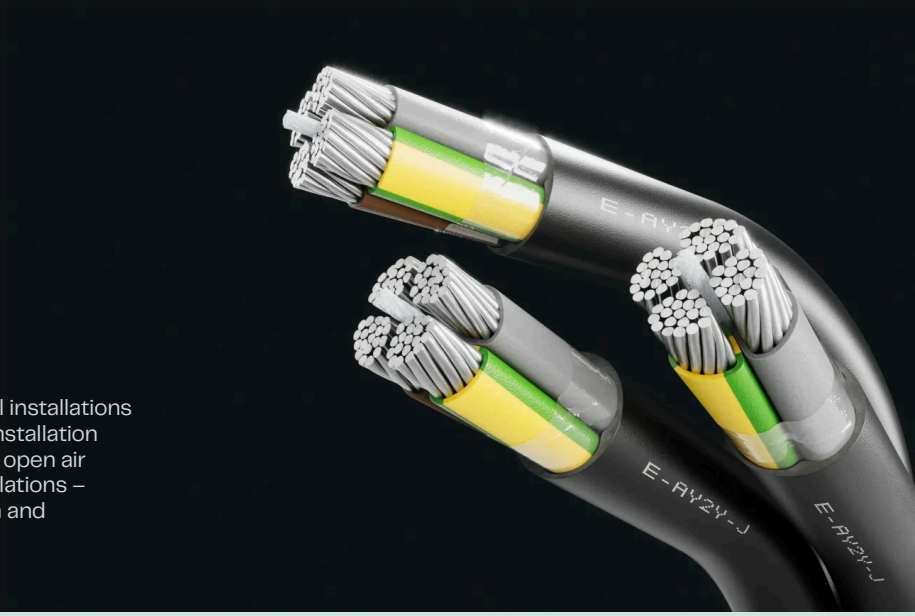
We Make Modern Life Possible.

ALUMINIUM 0.6/1 KV

E-AY2Y

PVC/PE aluminium energy cable

Power distribution cables in power stations, industrial installations and switch gears, as well as in local mains. For fixed installation under ground, in interior premises, cable ducts, in the open air and in water – as permitted by the local building regulations – under severe mechanical stressing during installation and operation.



TECHNICAL DATA

Standard
ÖVE/ONORM E 8200-603 (HD 603)

Certificate
EZÚ Czech Republic
ÖVE Austria

Test Voltage
core/core 4 kV / 50 Hz

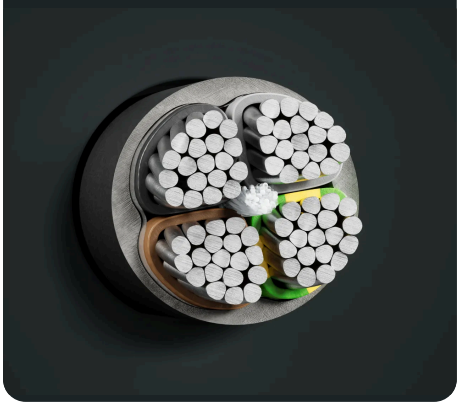
Rated Voltage
0.6/1 kV

Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore);

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°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 solid (RE), sector-shaped solid (SE), round stranded (RM), resp. sector-shaped stranded (SM)
2. Core insulation (PVC)
3. Inner covering (EPDM or plastic tape)
4. Sheath (HDPE 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)
4 x 25 RE	1.2	102	81	23.5	715
4 x 35 SM	0.868	122	99	24.3	720
1 x 50 RM	0.641	230	166	14.8	261
4 x 50 SE	0.641	144	119	26.4	898
4 x 50 SM	0.641	144	119	28.1	947
3 x 70 SM	0.443	179	152	28.1	950
4 x 70 SM	0.443	179	152	30.9	1232
3 x 95 + 50 SM/RM	0.32 / 0.641	215	186	36.4	1502
4 x 95 SE	0.32	215	186	33.8	1571
4 x 95 SM	0.32	215	186	36.4	1677
1 x 120 RM	0.253	389	302	19.8	524
3 x 120 + 70 SM/RM	0.253 / 0.443	245	216	39.3	1826
4 x 120 SM	0.253	245	216	39.3	2017
1 x 150 RM	0.206	436	345	21.7	635
4 x 150 SE	0.206	275	246	40.4	2316
4 x 150 SM	0.206	275	246	43.9	2460
4 x 185 SM	0.164	313	285	49.6	3100
1 x 240 RM	0.125	578	479	27.0	1005
3 x 240 SM	0.125	364	338	47.2	3004
3 x 240 + 120 SM/RM	0.125 / 0.253	365	338	55.1	3489
4 x 240 SM	0.125	364	338	55.1	3952
1 x 300 RM	0.1	654	550	29.7	1227
4 x 300 SM	0.1	419	400	61.9	4928
1 x 400 RM	0.078	756	653	33.4	1542
1 x 630 RM	0.047	1011	915	42.4	2439

Technical changes reserved. All figures are therefore without guarantee.



CONTACT PERSON

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