We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

E-AY2Y-J or E-AY2Y-O

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

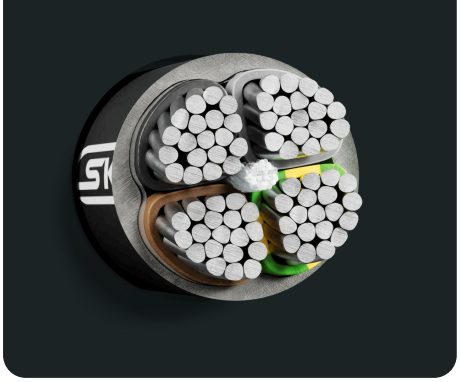
Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore);

Fire properties
CPR-Klassifizierung: Fca

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)	Standard lengths/p-acking (m)
1 x 50 RM	0.641	230	166	14.8	261	500 D, 1000 D
1 x 70 RM	0.834	293	210	16.9	386	500 D, 1000 D
1 x 120 RM	0.253	389	302	21.6	540	500 D, 1000 D
1 x 150 RM	0.206	436	345	21.7	635	500 D, 1000 D
1 x 240 RM	0.164	578	479	27.2	1058	1000D
1 x 300 RM	0.1	654	550	30.1	1395	1000D
1 x 400 RM	0.078	756	653	33.4	1542	500 D
1 x 630 RM	0.047	1011	915	42.4	2439	500 D
3 x 70 SM	0.443	179	152	28.1	950	500 D, 1000 D
3 x 95 + 50 SM/RM	0.32	215	186	36.4	1502	500 D, 1000 D
3 x 120 + 70 SM/RM	0.253	245	216	39.3	1826	500 D, 1000 D
3 x 240 SM	0.125	364	338	47.2	3004	500 D
3 x 240 + 120 SM/RM	0.125	365	338	55.1	3489	500 D
4 x 25 RE	1.2	102	81	24.2	698	500 D, 1000 D
4 x 25 RM	1.2	102	81	26.0	700	500 D, 1000 D
4 x 35 SM	0.868	122	99	24.3	720	500 D, 1000 D
4 x 50 SE	0.641	144	119	26.4	898	500 D, 1000 D
4 x 50 SM	0.641	144	119	28.1	947	500 D, 1000 D
4 x 70 SM	0.443	179	152	30.9	1232	500 D, 1000 D
4 x 95 SE	0.32	215	186	33.8	1571	500 D, 1000 D
4 x 95 SM	0.32	215	186	36.4	1677	500 D, 1000 D
4 x 120 SM	0.253	245	216	39.3	2017	500 D, 1000 D
4 x 150 SE	0.206	275	246	40.4	2316	500 D, 1000 D
4 x 150 SM	0.206	275	246	43.9	2460	500 D, 1000 D
4 x 185 SM	0.164	313	285	49.6	3100	500 D, 1000 D
4 x 240 SM	0.125	364	338	55.1	3952	500 D
4 x 300 SM	0.1	419	400	61.9	4928	500 D

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

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