We Make Modern Life Possible.

ALUMINIUM 0.6/1 KV

NA2X2Y

XLPE/PE aluminium energy cable

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



TECHNICAL DATA

Standard
DIN VDE 0276-603 (HD 603)

Certificate
VDE Germany

Test Voltage
4 kV / 50 Hz

Rated Voltage
0.6/1 kV

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

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -20°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



1. Aluminium conductor, round solid (RE), sector-shaped solid (SE), round stranded (RM), resp. sector-shaped stranded (SM)
2. Core insulation (XLPE)
3. Inner covering (EPDM)
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	112	102	25.5	730
4 x 35 RE	0.868	135	126	27.8	962
4 x 35 RM	0.868	135	126	29.0	1032
4 x 50 SE	0.641	158	149	28.1	1022
4 x 70 SE	0.443	196	191	32.5	1383
4 x 70 SM	0.443	196	191	33.9	1445
4 x 95 SE	0.32	234	234	36.0	1770
4 x 95 SM	0.32	234	234	38.2	1826
4 x 120 SE	0.253	268	273	39.4	2145
4 x 150 SE	0.206	300	311	43.5	2590
4 x 150 SM	0.206	300	311	47.0	2724
4 x 185 SE	0.164	342	360	48.1	3197
4 x 185 SM	0.164	342	360	52.3	3349
4 x 240 SE	0.125	398	427	53.4	4024
4 x 240 SM	0.125	398	427	58.0	4206

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

