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ALUMINIUM 0.6/1 kV

NA2X2Y

XLPE/PE aluminium energy cable



TECHNICAL DATA



Standard
DIN VDE 0276-603 (HD 603)



Certificate
VDE Germany



Test Voltage
core/core 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)

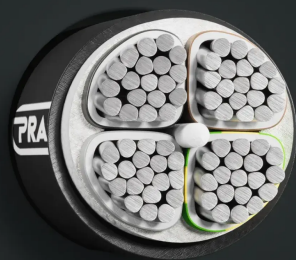


Core identification
HD 308 S2



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 (mm ²)	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

CONTACT PERSON

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