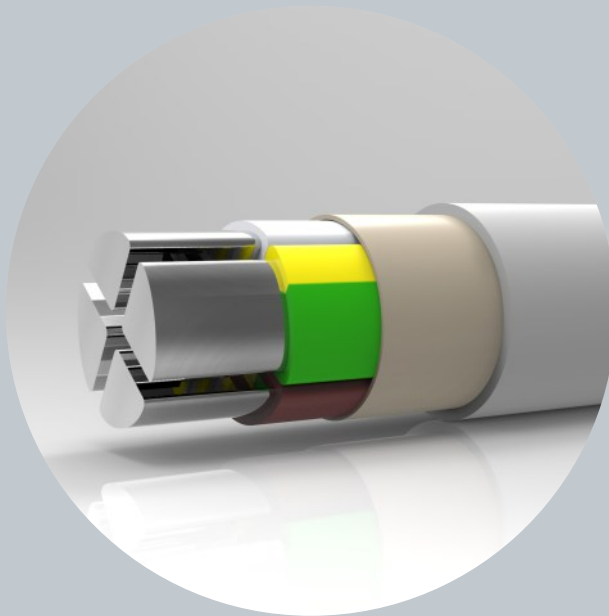


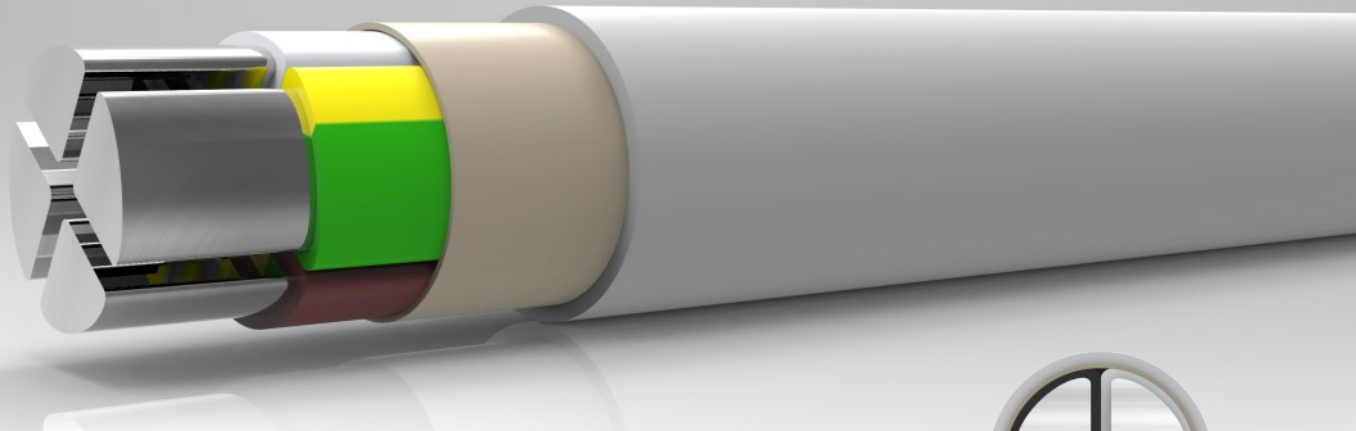


Aluminium power cables for voltage up to 1kV



DK-AXQ-AL-M

Halogen-free energy cable 0,6/1,0 kV



Aluminium power cables for voltage up to 1kV



APPLICATION

Suitable for being laid in the ground and onto cable trays. Where halogen-free and environmentally friendly cables are required. Conductor insulation must be protected against light exposure.



CONSTRUCTION

- Aluminum conductor, round solid (RE), sector-shaped solid (SE)
- Core insulation (XLPE)
- Inner covering (EPDM or plastic tape)
- Sheath (HFFR, UV resistant)



TEHNIICAL DATA

Standard: HD 603-S1 P-5

Rated voltage: 0.6 / 1kV

Test voltage: 4 kV / 50 Hz

Temperature range

Laying temperature: min. - 5 °C

Conductor temperature: max. +90 °C

Short-circuit temperature: max. +250 °C / 5 s

Bending radius (min): 8 x Ø of cable

Fire properties:

Halogen free: IEC/EN 60754-1

Smoke density: IEC/EN 61034

Fire test: IEC/EN 60332-1





CONSTRUCTION DATA OF POWER CABLES / DK-AXQ-AL-M						
Number of cores x nominal cross section	Max. conductor resistance	Current rating in the ground	Current rating in the air	Outer diameter	Total weight (kg/km) ca.	Standard lengths / packig
(mm ²)	(Ω / km)	(A)	(A)	(mm) ca.	(kg/km)	(m)
4 x 25 RE	1.200	112	102	25,5	885	1000 D
4 x 35 RE	0.868	135	126	27,8	950	1000 D
4 x 50 SE	0.641	158	149	31,9	990	1000 D
4 x 70 SE	0.443	196	191	36,1	1380	1000 D
4 x 95 SE	0.320	234	234	40,3	1750	1000 D
4 x 120 SE	0.253	268	273	43,5	2080	1000 D
4 x 150 SE	0.206	300	311	47,7	2710	500 D
4 x 185 SE	0.164	342	360	52,7	3290	500 D
4 x 240 SE	0.125	398	427	58,2	4090	500 D



Subject to technical changes.