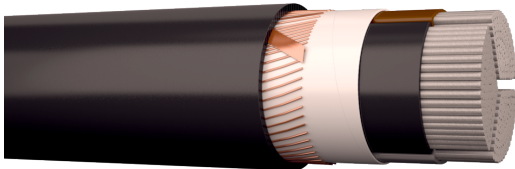


Power Cables 1kV

AXQJ Pure 0,6/1 kV



Application

Halogen-free, flame retardant and self-extinguishing in case of fire. Smoke in the event of fire is limited, transparent (to facilitate evacuation) and not harmful to electronic equipment. Power cable for open fixed installation, indoors and outdoors, in pipes and ground / water. Suitable in switchgear and potentially explosive areas. Can be plowed down when care is taken. The concentric screen gives increased personal safety for both the installer and the installation owners.

Alternative Product Name

SE-N1XCZ1-AS

Approval

CE

Standard

SS 424 14 18
CENELEC HD 603 Part 3 Section L
CENELEC HD 604
SS-EN 60754-1, -2
SS-EN 61034-1, -2
EN 50575:2014

Construction standard 0,6/1 kV
Harmonized Construction Standard/ testing standard
Halogen free material
Corrosive gases
Smoke density
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

Construction

Cable Shape
Conductors
Conductor Insulation
Marking of cores

Inner covering
Shield / Screen
Ripcord
Outer Sheath
Example of marking on sheath

Round
Stranded, sector shaped and annealed aluminium acc. to IEC 60228 class 2
XLPE
3 core: brown, black, grey
4 core: brown, black, grey, blue
Halogen free, tape
Annealed copper wire with a counter helix of copper tape
Aramid
Halogen free polymer, black
AXQJ Pure 0,6/1 kV 3x50/15 D-s2d2a2 DRAKA "Date", metre marked

Temperature

Maximum operating Temperature
Temperatures at installation [°C]

90 °C
Lowest cable temperature during installation -20 °C, below 0 °C special precaution shall be taken.

Features

CPR Performance class
Bending radius

Dca-s2d2a2
When fixed: 8 x D
When installing: 12 x D
When plowing: 8 x D

Electrical

Max. short circuit temperature [°C]
Test Voltage [kV]

250 °C
4 kV

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	E-number
3x35/15	23,5	700	500	K11	0004500
3x35/15	23,5	700	500	K11	0004505
3x50/15	25	845	500	K11	0004510
3x50/15	25	845	500	K11	0004515
3x50/15	25	845	1000	K16	0004516
3x70/21	29	1140	500	K12	0004520
3x70/21	29	1140	500	K12	0004525
3x95/29	31	1445	500	K14	0004530
3x95/29	31	1445	500	K14	0004535
3x120/41	36,5	1860	500	K16	0004540
3x120/41	36,5	1860	500	K16	0004545
3x150/41	39,5	2205	500	K16	0004550
3x150/41	39,5	2205	250	K14	0004554
3x150/41	39,5	2205	500	K16	0004555
3x150/41	39,5	2205	1000	K22	0004556
3x185/57	43,5	2790	500	K18	0004560
3x185/57	43,5	2790	250	K16	0004564
3x185/57	43,5	2790	500	K18	0004565
3x185/57	43,5	2790	1000	K24	0004566
3x240/72	49,5	3530	500	K20	0004570
3x240/72	49,5	3530	250	K18	0004574
3x240/72	49,5	3530	500	K20	0004575
3x240/72	49,5	3530	1000	K26	0004576
3x300/88	54,5	4360	500	K22	0004580
3x300/88	54,5	4360	500	K22	0004585
4x35/15	28	860	500	K12	0004600
4x35/15	28	860	500	K12	0004605
4x50/15	28	1020	500	K12	0004610
4x50/15	28	1020	500	K12	0004615
4x70/21	31	1405	500	K14	0004620
4x70/21	31	1405	500	K14	0004625
4x95/29	36	1830	500	K16	0004630
4x95/29	36	1830	500	K16	0004635
4x120/41	40	2280	500	K18	0004640
4x120/41	40	2280	500	K18	0004645
4x120/41	40	2280	1000	K22	0004646
4x150/41	43,5	2725	500	K18	0004650
4x150/41	43,5	2725	250	K16	0004654
4x150/41	43,5	2725	500	K18	0004655
4x150/41	43,5	2725	1000	K24	0004656
4x185/57	48,5	3450	500	K20	0004660
4x185/57	48,5	3450	500	K20	0004665
4x185/57	48,5	3450	1000	K26	0004666
4x240/72	55	4370	500	K22	0004670
4x240/72	55	4370	250	K20	0004674
4x240/72	55	4370	500	K22	0004675
4x240/72	55	4370	1000	K26	0004676
4x300/88	61	5420	500	K24	0004680
4x300/88	61	5420	500	K24	0004685
4x50/29	28	1140	500	K12	0058360
4x95/57	37	2080	500	K12	0058370
4x150/88	45	3160	500	K18	0058380
4x240/146	56	5015	500	K22	0058390

Conductors and screen area [mm²]	Diameter over sheath [mm]	Cable weight [kg/km]	Min. Bending radius at final installation [mm]	Min. Bending radius during installation [mm]	Resistance [Ω/km]
3x35/15	23,5	700			0,868
3x50/15	25	845			0,641
3x70/21	29	1140			0,443
3x95/29	31	1445			0,320
3x120/41	36,5	1860			0,253
3x150/41	39,5	2205			0,206
3x185/57	43,5	2790			0,164
3x240/72	49,5	3530			0,125
3x300/88	54,5	4360			0,100
4x35/15	28	860			0,868
4x50/15	28	1020			0,641
4x70/21	31	1405			0,443
4x95/29	36	1830			0,320
4x120/41	40	2280			0,253
4x150/41	43,5	2725			0,206
4x185/57	48,5	3450			0,164
4x240/72	55	4370			0,125
4x300/88	61	5420			0,100
4x50/29	28	1140			0,641
4x95/57	37	2080			0,320
4x150/88	45	3160			0,206
4x240/146	56	5015			0,125