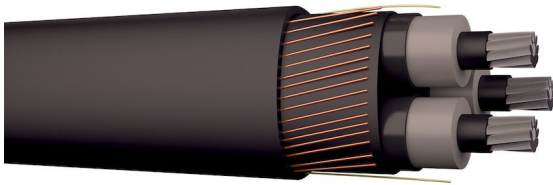


AXQJ-RMF B2ca PURE 6/10(12) KV

Halogen-free power cable for indoor installation, tunnels etc.



DESCRIPTION

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. The cable is primarily designed for indoor installation, tunnels, etc. The cable can be installed outdoors and in ground but ploughing is not recommended. Ripcords for easier and safer stripping of the outer sheath.

STANDARDS, CERTIFICATIONS AND APPROVALS



SS 424 14 16
IEC 60502-2
CENELEC HD 620 Part 10 Section M

Construction standard 12-36 kV
Construction standard
Harmonized construction and testing standard

Conductor material	Aluminium
Core insulation material	XLPE
Screen construction	Wire screen
Material outer sheath	Low smoke zero halogen
Rip cord	Yes
UV resistant	Yes
Rated voltage U ₀ /U (Um)	6/10 (12) kV
Test voltage [kV]	30
Halogen free	acc. IEC/EN 60754-1/2
Reaction-to-fire class (acc. EN 13501-6)	B2ca
Smoke development class (acc. EN 13501-6)	s1
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a1
Max. conductor temperature	90
Min. outer temperature during installation [°C]	-20
Cable marking example	AXQJ-RMF Pure 12kV 3x50/16 LT B2-s1d2a1 DRAKA "Date and time", metre marked

PRODUCT DATA

Item name	External article code	SAP code	Cable weight [kg/km]	Packaging
AXQJ-RMF PURE 3X50/16 12KV T5	0080005	20203881	1,517	K18
AXQJ-RMF PURE 3X95/25 12KV T5	0080015	20203883	2,157	K20
AXQJ-RMF PURE 3X150/25 12KV T5	0080025	20203885	2,873	K22
AXQJ-RMF PURE 3X240/35 12KV Yellow	0080505	20203899	3,950	K24
AXQJ-RMF PURE 3X240/35 12KV RÖD		20203898	3,950	K24
AXQJ-RMF PURE 3X240/35 12KV T5	0080035	20203887	3,954	K24
AXQJ-RMF Pure 3x300/35 LT 12kV		20203888	4,811	K26

ELECTRICAL DATA

Product name	Conductor diameter [mm]	Diameter over insulation [mm]	Outer diameter [mm]	Nominal operation capacitance [nF/km]	Conductor resistance at 20° C [Ohm/km]	Screen DC resistance [Ohm/km]
AXQJ-RMF Pure 3x50/16 12kV	8	15.9	41	250	0.641	1.2
AXQJ-RMF Pure 3x95/25 12kV	11.3	18.6	50	320	0.32	0.8
AXQJ-RMF Pure 3x150/25 12kV	14.2	21.5	57	380	0.206	0.8
AXQJ-RMF Pure 3x240/35 12kV GUL	18	25.4	62	460	0.125	0.6
AXQJ-RMF Pure 3x240/35 12kV RÖD	18	25.4	62	460	0.125	0.6
AXQJ-RMF Pure 3x240/35 12kV	18	25.4	62	460	0.125	0.6
AXQJ-RMF Pure 3x300/35 LT 12kV	20.5	27.9	72	510	0.1	0.6
AXQJ-RMF Pure 3x95/25 12kV RED	11.3	18.6	47	320	0.32	0.8

Nominal values unless otherwise specified.

Screen resistance refers to combination of copper wires and aluminum tape.

ELECTRICAL DATA

Area ledare och skärm [mm ²]	Induktans [mH/km]	Reaktans [Ohm/km]	Kapacitiv laddningsström [A/km]	Kapacitiv jordsl.ström [A/km]	Bel. Förmåga i mark vid ledartemp. 65 °C [A]
3x50/16	0,33	0,10	0,5	1,4	145
3x70/16	0,31	0,10	0,5	1,6	175
3x95/25	0,30	0,09	0,6	1,8	205
3x120/25	0,29	0,09	0,7	2,0	230
3x150/25	0,28	0,09	0,7	2,1	260
3x185/35	0,27	0,09	0,8	2,3	290
3x240/35	0,26	0,08	0,9	2,6	340
3x300/35	0,26	0,08	1,0	2,9	380
3x400/35	0,25	0,08	1,0	3,0	450