

AXQJ-EMC PURE 3X95/35



APPLICATION

Halogen-free, flame retardant and self-extinguishing in case of fire. For EMC-installations. Indoor and outdoor usage. Smoke in the event of fire is limited, transparent (to facilitate evacuation) and not harmful to electronic equipment.

CERTIFICATIONS AND DESIGN STANDARDS



EN 60228
IEC 60502-1
EN 50575:2014/A1:2016

EN 60332-1-2
IEC 60754
IEC 61034

Conductor standard
1 kV & 3 kV power cables with extruded insulation.
Cables for general applications in construction works subject to reaction to fire requirements
Vertical flame propagation for a single insulated wire or cable
Corrosive gases
Smoke density

Conductor material	Aluminium
Conductor surface	Bare
Core insulation material	XLPE
Core identification (acc. HD 308 S2)	Yes
Material outer sheath	Low smoke zero halogen

Rated voltage U ₀ /U (Um)	0.6/1 (1.2) kV
Max. conductor temperature [°C]	90
Permitted cable outer temperature after assembling without vibration (min) [°C]	-60
Resistant to UV	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-20
Bending radius (rule)	Fixed installation: 8 x D During handling: 12 x D

Halogen free	Yes
Reaction-to-fire class (acc. EN 13501-6)	Dca
Smoke development class (acc. EN 13501-6)	s2
Euro class flaming droplets/particles (acc. EN 13501-6)	d2
Euro class acidity (acc. EN 13501-6)	a1
UV resistant	Yes

PRODUCT PROPERTIES

Conductor category	Class 2 = stranded
Shape of conductor	Sector-shaped
Nominal cross section conductor [mm ²]	95
Number of cores	3
With protective conductor	No
Colour outer sheath	Black
Nominal outer diameter [mm]	33
Conductor resistance at 20° C [Ohm/km]	0.32
Current carrying capacity in air [A]	236
Current carrying capacity in ground [A]	228
Cable weight [kg/km]	1,500
Min. bending radius during installation [mm]	400
DOP number	1001574

Current load in air, installation method E, temperature 25°C

Current load in ground, installation method D2 (directly in ground). Ground temperature 15°C, thermal resistivity 1,0 K·m/W

Item name	EAN-code (GTIN)	Packaging type	Standard packaging quantity
AXQJ-EMC PURE 3X95/35 T500	7330384720564	Drum	500