

AXQJ 1kV (CPR)

Contact

Sales Installation and Industry
Phone: +46 325 80 000
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The cable may be used for fixed installation indoors and outdoors in air, ground and water.

DESCRIPTION

AXQJ/AMCMK HF is a halogen free, XLPE-insulated, HFFR-sheathed cable with round aluminium conductors up to and including 35 mm² and with sector shaped, stranded aluminium conductors from 50 mm². The cable has a screen of annealed copper wires with opposite open helix of copper. AXQJ/AMCMK HF is designed according to HD 603. The conductors have resistance and number of wires according to IEC 60228 class 2. The cores are identified by colours according to HD 308. The sheath is marked type/manufacturer/year+month/metre marking. AXQJ/AMCK HF meets the requirements for fire classification according to CPR DcaS2d2a2. The cable is certified by Intertek SEMKO.

Standards

AXQJ/AMCMK HF is manufactured and tested according to HD 603 3-L. The cable can be loaded in accordance with national regulations on electrical installations.

Certification

Approved by Intertek SEMKO.

Quality and environmental management system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.

Lifemark(TM) recycling marking

The external surface of the outer sheath is embossed with a text which specifies all components in the polymers and prepares the cable for future recycling.

EcoCalculator

Choose the best cable solution to achieve Energy Efficiency, reduced Carbon Footprint and improved Safety of people in case of fire, whilst ensuring a good return on Investment.



STANDARDS

International HD 603 S1/3L

National SS 424 14 18

CHARACTERISTICS

Construction characteristics

Conductor material

Aluminum

Insulation

XLPE (chemical)

Outer sheath

HFFR (polyolefin)



Halogen free
Yes



Rated Voltage Uo/U (Um)
0.6/1 kV



Minimum installation temperature
-10 °C



Maximum operating temperature
90 °C



Smoke density
IEC 61034

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

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Construction characteristics

Colour	Black
Halogen free	Yes

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	0.6/1 kV
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Usage characteristics

Minimum installation temperature	-10 °C
Recommended minimum installation temperature	0 °C
Maximum operating temperature	90 °C
Short-circuit max. conductor temperature	250 °C
Smoke density	IEC 61034

PRODUCT LIST

	Nexans ref.	Country ref.	Nb. of cores	Cross section [mm ²]	Conductor shape	Nom. outer diam. [mm]
	15152398	0014615	3	50	Sector-shaped	26.0
	15153898	0014715	4	50	Sector-shaped	29.3
	15152498	0014625	3	70	Sector-shaped	30.0
	15153998	0014725	4	70	Sector-shaped	33.3
	15152598	0014635	3	95	Sector-shaped	33.0
	15154098	0014735	4	95	Sector-shaped	33.0
	15152698	0014645	3	120	Sector-shaped	38.0
	15154198	0014745	4	120	Sector-shaped	38.0
	15152798	0014655	3	150	Sector-shaped	41.0
	15154298	0014755	4	150	Sector-shaped	41.0
	15152898	0014665	3	185	Sector-shaped	45.0
	15154398	0014765	4	185	Sector-shaped	45.0
	15152998	0014675	3	240	Sector-shaped	51.0
	15154498	0014775	4	240	Sector-shaped	51.0
	15153098	0014685	3	300	Sector-shaped	55.0
	15154598	0014785	4	300	Sector-shaped	55.0

 = Make to order,  = In stock



Halogen free
Yes



Rated Voltage U₀/U (U_m)
0.6/1 kV



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Maximum operating temperature
90 °C



Smoke density
IEC 61034

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SELLING INFORMATION

AXQJ/AMCMK HF will be delivered in lengths of 500 m The drum is marked with manufacturer, type of cable and length. The ends of the cable are sealed.



Halogen free
Yes



Rated Voltage Uo/U (Um)
0.6/1 kV



Minimum installation temperature
-10 °C



Maximum operating temperature
90 °C



Smoke density
IEC 61034