

EQLQ Easy® 450/750V

EQLQ Easy® 450/750 V 3G1,5

Contact

Sales Installation and Industry
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Nexans ref.: 14070130

Country ref.: 0461501

GTIN: 7330000075450

The cable may be used for fixed installation indoors and outdoors. When installing in the ground, the cable shall have an extra protection against mechanical stress. The cable have protection against exposure of UV-light.

DESCRIPTION

EQLQ Easy® is a halogen free, HFFR-insulated, aluminium taped, HFFR sheathed building wiring cable with circular, solid copper conductors. No talkum is used in the cable. The cable has a drain wire of twisted tinned copper wires under and in contact with the aluminium tape. EQLQ is designed according to SS 424 02 19-6. The conductors have resistance and number of wires according to SS-EN 60228 class 1. The cores are identified by colours according to HD 308. The sheath is marked type/CPRclass/manufacturer/year+month/metre marking. EQLQ Easy® meets the requirements for fire classification according to CPR Dca-s2,d2,a2. The cable emits no corrosive gases and has low smoke production during fire. The cable have protection against exposure of UV-light according to HD 626 S1 part 2.5.1. The conductor insulation shall be protected against UV light that can occur for example in light fixtures and light signs. The cable is certified by Intertek SEMKO.

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.

Certification

Certified by Intertek Semko.

Quality and environmental management system

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



DECLARATION OF PERFORMANCE

Reaction to fire: Dca-s2,d2,a2
according to EN50575:2014
+A1:2016

STANDARDS

National SS 424 02 19-4

CHARACTERISTICS

Construction characteristics

Conductor material

Copper

Conductor shape

Circular

With Green/Yellow core

Yes



Reaction to fire
Dca-s2,d2,a2



Conductor flexibility
Solid



Halogen free
Yes



Rated Voltage Uo/U
(Um)
450 / 750 V



Minimum
installation
temperature
-10 °C



Maximum operating
temperature
70 °C



Bending factor
when laying
7 (xD)



Bending factor
installed
3 (xD)

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

Conductor flexibility	Solid
Insulation	HFFR
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes
With smaller neutral conductor	No

Dimensional characteristics

Number of cores	3
Conductor cross-section	1.5 mm ²
Conductor diameter	1.4 mm
Nominal outer diameter	8.5 mm
Average insulation thickness	0.7 mm
Approximate weight	15.0 kg/100m
Average sheath thickness	1.2 mm

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	450 / 750 V
Max. DC resistance of the conductor at 20°C	12.1 Ohm/km

Usage characteristics

Minimum installation temperature	-10 °C
Recommended minimum installation temperature	0 °C
Maximum operating temperature	70 °C
Short-circuit max. conductor temperature	150 °C
Length	50 m
Bending factor when laying	7 (xD)
Packaging	Coil
Bending factor when installed	3 (xD)
Electro magnetic interference resistance	Yes
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Installation type	Indoor/Outdoor
U.V resistance	Yes
Minimum operating temperature	-40 °C



Reaction to fire
Dca-s2,d2,a2



Conductor flexibility
Solid



Halogen free
Yes



Rated Voltage U₀/U
(U_m)
450 / 750 V



Minimum installation
temperature
-10 °C



Maximum operating
temperature
70 °C



Bending factor
when laying
7 (xD)



Bending factor
installed
3 (xD)

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SELLING INFORMATION

EQLQ Easy® will be delivered in lengths of 50 to 500 m. The drum is marked with manufacturer, type of cable and length.



Reaction to fire
Dca-s2,d2,a2



Conductor flexibility
Solid



Halogen free
Yes



Rated Voltage Uo/U
(Um)
450 / 750 V



Minimum
installation
temperature
-10 °C



Maximum operating
temperature
70 °C



Bending factor
when laying
7 (xD)



Bending factor
installed
3 (xD)

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