

FQLQ Easy™ control 450/750 V

Contact

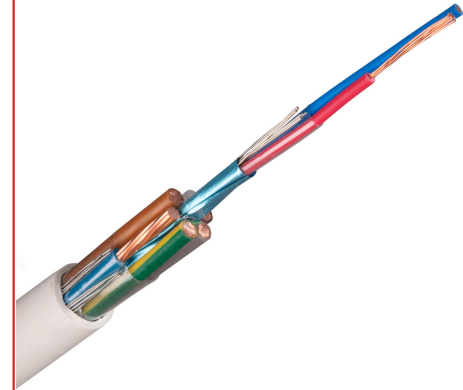
Installation & Industry Cables
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S07Z1A5EZ1-R

The cable may be used for fixed installation indoors and outdoors. FQLQ Easy™ control is suitable for installation where power and control are needed. When installation in ground shall the cable supply with an extra protection against mechanical stress.

DESCRIPTION

FQLQ Easy™ control is a halogen free, HFFR-insulated, aluminium taped, HFFR-sheathed house wiring cable with circular, stranded copper conductors. In the middle of the cable is a pair of screened control cores. The cable has a stranded drain wire of tinned copper under and in contact with the aluminium tape. FQLQ is designed according to SS 424 02 19-6 in applicable parts. 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 control cores are red and blue. The sheath is marked. type/manufacturer/year+month/metre marking. FQLQ Easy™ control meets the requirements for fire classification according to CPR Das2d2a2. The cable emits no corrosive gases and has low smoke production during fire. The conductor insulation shall be protected against UV light that can occur for example in light fixtures and light signs.



Lifemark™

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.

Quality and environmental management system

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



Conductor flexibility
Stranded class 2



Halogen free
Yes



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



Minimum installation temperature
-10 °C



Maximum operating temperature
70 °C



Electro magnetic interference resistance
Yes



Gases corrosivity
IEC 60754-2



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.

Version 1.3 Generated 10/13/20 www.nexans.fi Page 1 / 2

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Circular
Conductor flexibility	Stranded class 2
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes

Dimensional characteristics

Number of control cores	2
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Electrical characteristics

Rated Voltage U _o /U (Um)	450 / 750 V
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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
Electro magnetic interference resistance	Yes
Gases corrosivity	IEC 60754-2
Smoke density	IEC 61034

PRODUCT LIST

Nexans ref.	Country ref.	Nb. of cores	Cross section [mm ²]	Nom. outer diam. [mm]	Approx. weight [kg/100m]
 14091898 New	0415573	5	6	17.6	51.0

 = Make to order,  = In stock

SELLING INFORMATION

FQLQ will be delivered in lengths of 500 m. The drum is marked with manufacturer, type of cable and length.