

# EQLQ Easy control 450/750 V

## S07Z1A5EZ1-U

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 for power and stranded conductors for control and separately aluminium screened control pair. 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 tapes. EQLQ is designed according to SS 424 02 19-6 in applicable parts. The conductors have resistance and number of wires according to SS-EN 60228 class 1 and class 2. 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 s2d2a2. 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™ 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.

## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
Conductor shape	Circular
With Green/Yellow core	Yes
Conductor flexibility	Solid



Conductor flexibility  
**Solid**



Halogen free  
**Yes**



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



Minimum installation temperature  
**-10 °C**



Maximum operating temperature  
**70 °C**



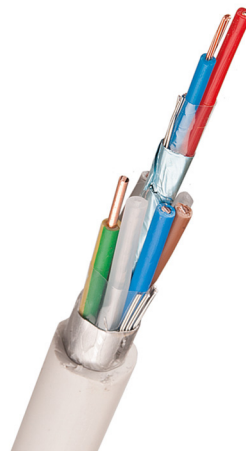
Bending factor when laying  
**7 (xD)**



Bending factor installed  
**3 (xD)**



Smoke density  
**IEC 61034**



# Lifemark™

## STANDARDS

National SS 424 02 19-6

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

Insulation	HFFR
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes

## Dimensional characteristics

Conductor cross-section	2.5 mm <sup>2</sup>
Number of control cores	2

## Electrical characteristics

Rated Voltage U <sub>o</sub> /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
Bending factor when laying	7 (xD)
Bending factor when installed	3 (xD)
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Minimum operating temperature	-40 °C
U.V resistance	Yes

## PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Number of cores	Nominal outer diameter [mm]
☐ 14071298	0461495	EQLQ Easy® 450/750 V 5G2,5 + 2x0,75	5	13.6
☐ 14071098	0461465	EQLQ Easy® 450/750 V 3G2,5 + 2x0,75	3	12.9
☐ 14071099	0461464	EQLQ Easy® 450/750 V 3G2,5 + 2x0,75	3	12.9
☐ 14071299	0461497	EQLQ Easy® 450/750 V 5G2,5 + 2x0,75	5	13.6

☐ = Make to order, ☐ = In stock,

## SELLING AND DELIVERY INFORMATION

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



Conductor flexibility  
**Solid**



Halogen free  
**Yes**



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**450 / 750 V**



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**-10 °C**



Maximum operating temperature  
**70 °C**



Bending factor when laying  
**7 (xD)**



Bending factor installed  
**3 (xD)**



Smoke density  
**IEC 61034**

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