

## 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 Easy™ 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 DcaS2d2a2. 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.



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**

## CHARACTERISTICS

### Construction characteristics

Conductor material	Copper
Conductor shape	Circular
With Green/Yellow core	Yes
Conductor flexibility	Solid
Insulation	HFFR
Outer sheath	HFFR (polyolefin)
Colour	White
Halogen free	Yes

### Dimensional characteristics

Number of cores	5
Conductor cross-section	2.5 mm²
Number of control cores	2
Nominal outer diameter	13.4 mm
Approximate weight	28.0 kg/100m

### Electrical characteristics



Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	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
 14071298-412-05	0415576	EQLQ Easy™ control 450/750 V 5G2,5 + 2x0,75
 14071299-412-21	0415577	EQLQ Easy™ control 450/750 V 5G2,5 + 2x0,75

 = Make to order,  = In stock,

## SELLING AND DELIVERY INFORMATION

EQLQ Easy™ will be delivered in lengths of 100 to 500 m. The drum is marked with manufacturer, type of cable and length.