

FQ Easy™ 450/750 V H07Z1-R

H07Z1-R 450/750 V 2,5

Nexans Ref.: 11485440-208-02

Country Ref.: 0437742

The cable may be used for installation in fixed installed conduit- or duct systems, and also as connecting cable in cupboards and armatures.

DESCRIPTION

H07Z1-R (FQ Easy™) is a halogen free, HFFR-insulated house wiring cable with one circular, stranded copper conductor. The cable is designed according to HD 21.3 in applicable parts. The conductor has resistance and number of wires according to IEC 60228 class 2. The insulation is marked "NEXANS GS SEMKO Ds2d2a2". H07Z1-R (FQ Easy™) meets the requirements for fire classification Dca-s2,d2,a2 according to CPR. 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.

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

Dca-s2,d2,a2

STANDARDS

International EN 50525-3-31



Conductor flexibility
Stranded class 2



Halogen free
Yes



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



Minimum
installation
temperature
0 °C



Maximum operating
temperature
70 °C



Bending factor
when laying
8 (xD)



Smoke density
IEC 61034



Gases corrosivity
IEC 60754-2

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CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Circular
Conductor flexibility	Stranded class 2
Insulation	Halogen free compound
Colour	Brown
Halogen free	Yes

Dimensional characteristics

Number of cores	1
Conductor cross-section	2.5 mm ²
Conductor diameter	2.0 mm
Nominal outer diameter	3.6 mm
Approximate weight	3.3 kg/100m
Average insulation thickness	0.8 mm

Electrical characteristics

Rated Voltage U _o /U (U _m)	450 / 750 V
Max. DC resistance of the conductor at 20°C	7.41 Ohm/km

Usage characteristics

Minimum installation temperature	0 °C
Maximum operating temperature	70 °C
Bending factor when laying	8 (xD)
Length	100 m
Packaging	Coil
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2
Installation type	Indoor
U.V resistance	Good

SELLING AND DELIVERY INFORMATION

FQ Easy™ H07Z1-R is delivered in lengths of 100 m. The drum is marked with manufacturer, type of cable and length.