Nexans

FQ Easy™ H07Z1-R 450/750 V

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

STANDARDS

Product EN 50525-3-31

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 Dcas2d2a2 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, 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 **0 °C** | Maximum operating temperature **70 °C** | Bending factor when laying **8 (xD)** | Smoke density **IEC 61034** | Gases corrosivity **IEC 60754-2** |

CHARACTERISTICS

Construction characteristics	
Conductor material	Copper
Conductor shape	Circular
Conductor flexibility	Stranded class 2
Insulation	Halogen free compound
Halogen free	Yes
Dimensional characteristics	
Number of cores	1
Electrical characteristics	
Rated Voltage Uo/U (Um)	450/750 V
Usage characteristics	
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

PRODUCT LIST

Nexans Ref.	Country Ref.	Name	Colour	Conductor cross-section [mm²]	Nominal outer diameter [mm]
🔧 11485340-207-02	-	H07Z1-R 450/750 V 1,5	Grey	1,5	3,0
🔧 11485340-410-02	-	H07Z1-R 450/750 V 1,5	Orange	1,5	3,0
🔧 11485340-232-02	-	H07Z1-R 450/750 V 1,5	Yellow / green	1,5	3,0
🔧 11485340-411-02	-	H07Z1-R 450/750 V 1,5	Black	1,5	3,0
🔧 11485340-412-02	-	H07Z1-R 450/750 V 1,5	White	1,5	3,0
🔧 11485340-208-02	-	H07Z1-R 450/750 V 1,5	Brown	1,5	3,0
🔧 11485340-204-02	-	H07Z1-R 450/750 V 1,5	Blue	1,5	3,0
🔧 11485440-208-02	-	H07Z1-R 450/750 V 2,5	Brown	2,5	3,6
🔧 11485440-412-02	-	H07Z1-R 450/750 V 2,5	White	2,5	3,6
🔧 11485440-411-02	-	H07Z1-R 450/750 V 2,5	Black	2,5	3,6
🔧 11485440-204-02	-	H07Z1-R 450/750 V 2,5	Blue	2,5	3,6
🔧 11485440-232-02	-	H07Z1-R 450/750 V 2,5	Yellow / green	2,5	3,6
🔧 11485440-207-02	-	H07Z1-R 450/750 V 2,5	Grey	2,5	3,6
🔧 11485440-410-02	-	H07Z1-R 450/750 V 2,5	Orange	2,5	3,6
🔧 11485340-203-02	-	H07Z1-R 450/750 V 1,5	Red	1,5	3,0
🔧 11485340-211-02	-	FQ Easy™ 1,5 mm² 450/750 V Violett	Violet	1,5	3,0

📞 = Make to order, 🔧 = In stock,

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.