



Nexans Ref.: 11175140-410-02
EAN 13: 7330000119550

FIRE PERFORMANCE CLASS



Dca-s2,d2,a2

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 HD 21.15

DESCRIPTION

H07Z1-U is a halogen free, HFFR-insulated, house wiring cable with one circular, solid copper conductor. The cable is designed according to HD 21.15 in applicable parts. The conductor has resistance and numbers of wires according to IEC 60228 class 1. The insulation is marked "NEXANS GS AREA mm2 SEMKO Ds2d2a1". H07Z1-U meets fire class Dcas2d2a1 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
Solid



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



Minimum
 installation
 temperature
0 °C



Maximum operating
 temperature
70 °C



Bending factor
 when laying
8 (xD)



Halogen free
Yes



Smoke density
IEC 61034



Gases corrosivity
IEC 60754-2

CHARACTERISTICS

Construction characteristics

Conductor material	Copper
Conductor shape	Circular
Conductor flexibility	Solid
Insulation	Halogen free compound
Colour	Orange

Dimensional characteristics

Number of cores	1
Conductor cross-section	1.5 mm ²
Nominal outer diameter	2.8 mm
Approximate weight	2.0 kg/100m
Conductor diameter	1.4 mm
Average insulation thickness	0.7 mm

Electrical characteristics

Rated Voltage U ₀ /U (U _m)	450/750 V
Max. DC resistance of the conductor at 20°C	12.1 Ohm/km

Usage characteristics

Minimum installation temperature	0 °C
Maximum operating temperature	70 °C
Length	100 m
Packaging	Coil
Bending factor when laying	8 (xD)
Installation type	Indoor

Fire safety characteristics

Halogen free	Yes
Smoke density	IEC 61034
Gases corrosivity	IEC 60754-2

SELLING AND DELIVERY INFORMATION

H07Z1-U will be delivered according to arrangement. The packaging is marked with manufacturer, type of cable and length.