# H07Z1-K (RQ) 450/750 V

H07Z1-K 6 (RQ) 450/750 V

Nexans Ref.: 11195441-411-02

Country Ref.: 0400990 EAN 13: 7330000086654

The cable may first be used for inside couplings in switch cabinet boxes and similar

applications.

#### **DESCRIPTION**

H07Z1-K is a halogen free, HFFR insulated, connecting cable with one circular, multi stranded copper conductor. 300 and 400 mm2 does not fulfil EN 50525-3-31, and is because of that called S07Z1. The cable is designed according to EN 50525-3-31 in applicable parts. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS Z1 SEMKO AREA mm2" or "NEXANS GS SEMKO AREA mm2 HALOGENFRI". H07Z1-K meets the requirements for CPR Dcas2d2a2. The cable emits no corrosive gases and has low smoke production during fire. This product is also part of our Windlink® offer dedicated to wind turbines.

#### 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; EN 50268; IEC 60754; IEC 61034

National SS EN 50525-3-31



Conductor flexibility Flexible class 5



Halogen free



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



-40 - 70 °C

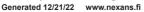


Operation bending rad.



U.V resistance

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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## **CHARACTERISTICS**

	Construction characteristics	
	Conductor material	Bare copper
	Conductor flexibility	Flexible class 5
	Conductor shape	Circular
	Insulation	HFFR
	Colour	Black
	Halogen free	Yes
	Dimensional characteristics	
	Number of cores	1
	Conductor cross-section	6 mm²
	Number of core wires (nb x mm $\emptyset$ )	-
	Conductor diameter	3.2 mm
	Average insulation thickness	0.8 mm
	Nominal outer diameter	4.8 mm
	Approximate weight	65 kg/km
Electrical characteristics		
	Max. DC resistance of the conductor at 20°C	- Ohm/km
	Rated Voltage Uo/U (Um)	450 / 750 V
Usage characteristics		
	Length	100 m
	Packaging	Reel
	Operating temperature, range	-40 - 70 °C
	Laying operation bending radius	- mm
	U.V resistance	-
	Bending factor when installed	4 (xD)

## **SELLING AND DELIVERY INFORMATION**

H07Z1-K is delivered in specified lengths. The package is marked with manufacturer, type of cable, length and manufacturing date. On the label on boxes upon request also the customer item number and/or order number.

