



Nexans Ref.: 11363098-096-05

Country Ref.: 0389415

EAN 13: 7330000126664

FIRE PERFORMANCE CLASS



Eca

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

STANDARDS

Product EN 50525-2-31; SS EN 50525-2-31

H07V-K is a lead free, PVC insulated, connecting cable with one circular, multi stranded copper conductor. The cable is designed according to EN 50525-2-31. The conductor has resistance according to IEC 60228 class 5. The insulation is marked "NEXANS GS H07V-K AREA mm² SEMKO HAR YEAR/MONTH" for cables up to 240 mm². S07V-K 300 mm² and 400 mm² is marked "Nexans GS AREA mm²". H07V-K meets the requirements for CPR class Eca. This product is also part of our Windlink® offer dedicated to wind turbines.

Certification

Certificid by INTERTEK SEMKO.

Quality system

Certified according to ISO 9001, IRIS, ISO/TS 16949 and ISO 14001.



Conductor flexibility
Flexible class 5



Halogen free
No



Rated Voltage U₀/U (Um)
450/750 V



Flame retardant
IEC 60332-1



Operating temp.
0 ... 70 °C

CHARACTERISTICS

Construction characteristics

Colour	Red
Conductor material	Bare copper
Conductor shape	Circular
Conductor flexibility	Flexible class 5
Insulation	PVC
Halogen free	No

Dimensional characteristics

Number of cores	1
Conductor cross-section	25 mm ²
Number of core wires (nb x mm Ø)	-
Conductor diameter	6.9 mm
Average insulation thickness	1.2 mm
Nominal outer diameter	9.3 mm
Approximate weight	250 kg/km

Electrical characteristics

Max. DC resistance of the conductor at 20°C	0.78 Ohm/km
Rated Voltage U ₀ /U (U _m)	450/750 V

Usage characteristics

Length	500 m
Packaging	K6
Flame retardant	IEC 60332-1
Operating temperature, range	0 ... 70 °C
Bending factor when installed	4 (xD)

SELLING AND DELIVERY INFORMATION

H07V-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.