



Nexans Ref.: 11183240-004-02

Country Ref.: 0384272

EAN 13: 7330000118799

### FIRE PERFORMANCE CLASS



Eca

The cable is intended to be used for inside couplings in switch cabinet boxes and similar applications.

### STANDARDS

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

### DESCRIPTION

H05V2-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. Maximum 90°C conductor temperature. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS H05V2-K 0,75 SEMKO HAR MAX 90 C". H05V2-K meets the requirements for CPR class E.

### Certification

Certifeid by INTERTEK SEMKO.

### Quality system

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



Halogen free  
No



Rated Voltage U<sub>0</sub>/U (Um)  
300/500 V



Bending factor when laying  
4 (xD)



Flame retardant  
EN 60332-1-2



Operating temp.  
0 ... 90 °C

### CHARACTERISTICS

#### Construction characteristics

Colour	Blue
Conductor material	Bare copper
Insulation	PVC
Halogen free	No

#### Dimensional characteristics

Number of cores	1
Conductor cross-section	1 mm <sup>2</sup>
Number of core wires (nb x mm Ø)	32 x 0.19 mm Ø
Conductor diameter	1.3 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.45 mm
Approximate weight	14 kg/km

#### Electrical characteristics

Max. DC resistance of the conductor at 20°C	19.5 Ohm/km
Rated Voltage U <sub>0</sub> /U (Um)	300/500 V

#### Usage characteristics

Bending factor when laying	4 (xD)
Length	100 m
Packaging	-
Flame retardant	EN 60332-1-2
Operating temperature, range	0 ... 90 °C

### SELLING AND DELIVERY INFORMATION

H05V2-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.