



**Nexans Ref.:** 11183146-122-21

**Country Ref.:** 7330000014664

**EAN 13:** 7330000117938

### 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

### 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

Certified 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	Dark blue
Conductor material	Bare copper
Insulation	PVC
Halogen free	No

#### Dimensional characteristics

Number of cores	1
Conductor cross-section	0.75 mm <sup>2</sup>
Number of core wires (nb x mm Ø)	24 x 0.19 mm Ø
Conductor diameter	1.1 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.25 mm
Approximate weight	12 kg/km

#### Electrical characteristics

Max. DC resistance of the conductor at 20°C	26 Ohm/km
Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> )	300/500 V

#### Usage characteristics

Bending factor when laying	4 (xD)
Length	200 m
Packaging	Reel
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.