



**Nexans Ref.:** 11183740-004-02

**Country Ref.:** 7330000120686

**EAN 13:** 7330000120686

### 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

H07V2-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 EN 60228 class 5. The insulation is marked "NEXANS GS H07V2-K 0,75 SEMKO (HAR) E". H07V2-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.



Conductor flexibility  
Class 5



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



Operating temp.  
0 ... 90 °C



Flame retardant  
IEC 60332-1



Halogen free  
No

### CHARACTERISTICS

#### Construction characteristics

|                       |             |
|-----------------------|-------------|
| Colour                | Blue        |
| Conductor material    | Bare copper |
| Insulation            | PVC         |
| Conductor flexibility | Class 5     |
| Conductor shape       | Circular    |

#### Dimensional characteristics

|                                  |                    |
|----------------------------------|--------------------|
| Number of cores                  | 1                  |
| Conductor cross-section          | 10 mm <sup>2</sup> |
| Number of core wires (nb x mm Ø) | 72 x 0.41 mm Ø     |
| Conductor diameter               | 4.2 mm             |
| Average insulation thickness     | 1.0 mm             |
| Nominal outer diameter           | 6.1 mm             |
| Approximate weight               | 110 kg/km          |

#### Electrical characteristics

|                                                   |             |
|---------------------------------------------------|-------------|
| Max. DC resistance of the conductor at 20°C       | 1.91 Ohm/km |
| Rated Voltage U <sub>0</sub> /U (U <sub>m</sub> ) | 450/750 V   |

#### Usage characteristics

|                               |             |
|-------------------------------|-------------|
| Length                        | 100 m       |
| Packaging                     | Ring        |
| Operating temperature, range  | 0 ... 90 °C |
| Bending factor when installed | 4 (xD)      |

#### Fire safety characteristics

|                 |             |
|-----------------|-------------|
| Flame retardant | IEC 60332-1 |
| Halogen free    | No          |

### SELLING AND DELIVERY INFORMATION

H07V2-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.