



Nexans Ref.: 11183140-022-02

Country Ref.: 0384192

EAN 13: 7330000117433

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 U₀/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 | Yellow / green |
| Conductor material | Bare copper |
| Insulation | PVC |
| Halogen free | No |

Dimensional characteristics

| | |
|----------------------------------|----------------------|
| Number of cores | 1 |
| Conductor cross-section | 0.75 mm ² |
| 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 ₀ /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.