

H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,75 (RK 90°C) 300/500V

Nexans Ref.: 11183140-022-02

Country Ref.: 0384192

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

DESCRIPTION

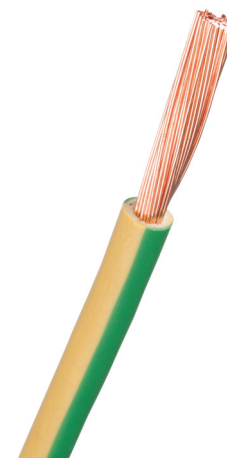
H05V2-K is a lead free, PVC insulated, connecting cable with one circular, multi stranded copper conductor. The cable is designed according to EN 50525-2-31. with maximum 90°C conductor temperature. The conductor has resistance according to EN 60228 class 5. The insulation is marked "NEXANS GS H05V2-K 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, IRIS, ISO/TS 16949 and ISO 14001.



DECLARATION OF PERFORMANCE

E_{ca}

STANDARDS

International EN 50525-2-31

National SS EN 50525-2-31



Halogen free
No



Rated Voltage U_o/U (Um)
300 / 500 V



Bending factor when laying
4 (xD)



Flame retardant
EN 60332-1-2



Operating temp.
0 - 90 °C

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Nexans is indicative only and shall not be binding on Nexans or be treated as constituting a representation on the part of Nexans.

Generated 10/19/22 www.nexans.se Page 1 / 2

H05V2-K (RK 90°C) 300/500 V

H05V2-K 0,75 (RK 90°C) 300/500V

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.