# H05V2-U (EK 90°C) 300/500 V

H05V2-U (EK 90°C) 300/500V 0,75

Nexans Ref.: 11017112-002-37

The cable may first be used for fixed, protected installation in or at lighting fixtures with maximum 90°C conductor temperature.

#### **DESCRIPTION**

H05V2-U is a lead free, PVC insulated, house wiring cable with one circular copper conductor. The cable is designed according to EN 50525-2-31. The conductor resistance and number of wires according to IEC 60228 class 1. The insulation is marked "NEXANS GS H05V2-U "MM2" SEMKO HAR". H05V2-U meets the requirements for flammability according to IEC 60332-1 (F2). The cable is certified by SEMKO.

#### Certification

Certified by SEMKO.

#### Flammability class

IEC 60332-1 (F2).

#### **Quality system**

EN ISO 9001.

#### **Environmental system**

The activities at our plant in Grimsås are certified to ISO 14001.



International EN 50525-2-31

National SS EN 50525-2-31







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

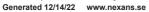


IEC 60332-1



0 - 90 °C

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





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### **CHARACTERISTICS**

Construction characteristics	
Colour	White
Conductor material	Bare copper
Insulation	PVC
Halogen free	No
Dimensional characteristics	
Number of cores	1
Conductor cross-section	0.75 mm²
Number of core wires (nb x mm $\emptyset$ )	1 x 0.80 mm Ø
Conductor diameter	1.0 mm
Average insulation thickness	0.6 mm
Nominal outer diameter	2.2 mm
Approximate weight	11 kg/km
Approximate weight	- kg/100m
Electrical characteristics	
Max. DC resistance of the conductor at 20°C	24.5 Ohm/km
Rated Voltage Uo/U (Um)	300 / 500 V
Usage characteristics	
Length	3000 m
Packaging	Boxed wire
Flame retardant	IEC 60332-1
Operating temperature, range	0 - 90 °C

## **SELLING AND DELIVERY INFORMATION**

H05V2-U will be delivered in lengths of 100 to 500 m. The drum is marked with manufacturer, type of cable and length.

