

# H05V-K (YSf)

PVC insulated wire, fine core

## DESIGN



- 1 | Copper conductor, fine wire (-K)
- 2 | Core insulation (PVC)

## APPLICATION

For fixed and protected installation within appliances as well as in and on luminaires. Permissible for installation in conduits on and under plaster but only for control and signal circuits.

## TECHNICAL DATA



**Standard:**  
EN 50525-2-31



**Rated voltage:**  
300/500 V (U<sub>0</sub>/U)



**Test voltage:**  
2 kV / 50 Hz



**Temperature range:**  
 laying temperature: min. 5 °C  
 operating temperature: -30 °C up to 70 °C  
 conductor temperature: max. 70 °C  
 short circuit temperature: max. 160 °C/5 s



**Bending radius (min.):**  
 3 x Ø of wire (fixed installed)  
 5 x Ø of wire (free motion)



**Core identification:**  
 according to EN 50525-1: black (bk), brown (bn), red (rd), orange (og), yellow (ye), green (gn), blue (bu), violet (vt), grey (gy), white (wh), pink (pk), green-yellow (gnye)



**Fire properties:**  
 EN 60332-1-2: flame retardant  
 CPR classification: E<sub>ca</sub>

Nominal cross-section (mm <sup>2</sup> )	Core colours	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths/ packing (m)
<b>H05V-K (YSf)</b>					
0.5	bk, bn, bu, vt, rd, og, ye, gy, gn, wh, gnye	39	2.1	9	100 R
0.75	bk, bn, rd, bu, wh	26	2.2	12	100 R
1	bk, bn, bu, vt, rd, og, ye, gy, gn, wh, gnye	19.5	2.4	14	100 R

Technical changes reserved. All figures are therefore without guarantee.

9.8.2022, 15:41