

H05V-U

PVC insulated wires, solid

DESIGN



- 1 | Copper conductor, solid wire (-U)
- 2 | Core insulation (PVC)

APPLICATION

Conductors are designed for fixed installation as interconnecting conductors in dry environment, in pipelines, under the plaster, in devices and switchboards.

TECHNICAL DATA



Standard:
ČSN EN 50525-2-31



Rated voltage:
300/500 V



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.):
fixed: 4 x Ø of wire



Core identification:
According to EN 50525-1: CR, SM, MD, HA, SE, OR, RZ, RA, TY, FI, BA, ZZ



Fire properties:
EN 60332-1-2: self-extinguishing
CPR classification: E_{ca}



Certificate:
EZÚ Czech Republic
ÖVE Austria

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter (mm) appr.	Total weight (kg/km) appr.	Standard lengths / packing
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0.5	36.0	2.2	8	100 R
0.75	24.5	2.4	11	100 R
1	18.1	2.5	13	100 R

Technical changes reserved. All figures are therefore without guarantee.