



H05V-U (YSe)

PVC Insulated wire, single core

HARMONISED INSULATED WIRES

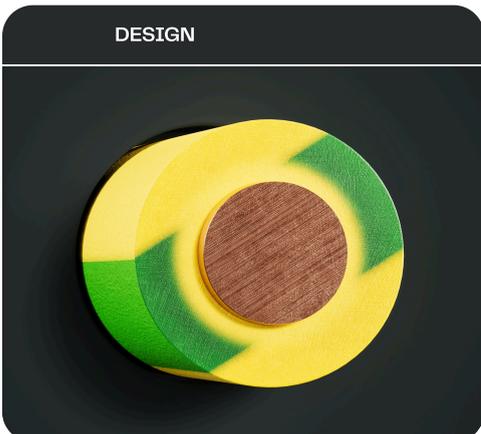
For fixed and protected installation within appliances as well as in and on luminaires. Permissible for installation in conduits on and under plaster but only for control and signal circuits.



TECHNICAL DATA

 <p>Standard EN 50525-2-31</p>	 <p>Rated Voltage 300/500 V (Uo/U)</p>	 <p>Core identification According to EN 50525-1: CR, SM, MD, HA, SE, OR, RZ, RA, TY, FI, BA, ZZ</p>
 <p>Certificate EZÚ Czech Republic, ÖVE Austria</p>	 <p>Bending radius (min.) 4 x ϕ of wire</p>	 <p>Temperature range Laying temperature: min. 5°C Operating temperature: -30°C up to 70°C</p>
 <p>Test Voltage 2 kV / 50 Hz</p>	 <p>Fire properties EN 60332-1-2: self-extinguishing; CPR: Eca</p>	<p>Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>

DESIGN



- 1 Copper conductor, round solid (RE) -U
- 2 Core insulation (PVC)

Nominal cross-section (mm ²)	Core colours	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
0.5	sw, bl, rt	36.0	2.0	8	100 R
0.75	sw, br, rt, bl, ws	24.5	2.1	12	100 R
1	sw, bl, vi, gr, ws, gnge	18.1	2.3	14	100 R

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