



H07V-U (Ye)









PVC Insulated wire, single core

INSTALLATION AND HARMONISED CABLES AND WIRES

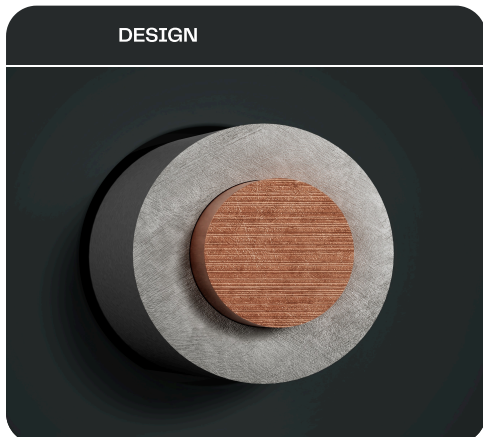
For fixed installation in conduits on or under plaster. Suitable for protected installation in and on lighting facilities or control devices for voltages up to 750 V AC or 1000 V DC against ground.



TECHNICAL DATA

 <p>Standard EN 50525-2-31</p>	 <p>Rated Voltage 450/750 V (U₀/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: -5°C up to 70°C Conductor temperature: max. 70°C Short circuit temperature: max. 160°C</p>
 <p>Test Voltage 2.5 kV / 50 Hz</p>	 <p>Fire properties EN 60332-1-2: self-extinguishing CPR Classification: Eca</p>	

DESIGN



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

Nominal cross-section (mm ²)	Max. conductor resistance (Ω/km)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
1.5	12.1	2.8	20
2.5	7.41	3.3	30
4	4.61	3.7	43
6	3.08	4.2	61
10	1.83	5.6	106
16	1.15	6.5	160

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