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PVC AND RUBBER CABLES AND WIRES

H07V-U (Ye)

PVC Insulated wire, single core

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

Standard
EN 50525-2-31

Certificate
EZÚ Czech Republic
ÖVE Austria

Test Voltage
2.5 kV / 50 Hz

Rated Voltage
450/750 V (Uo/U)

Bending radius (min.)
4 x Ø of wire

Fire properties
EN 60332-1-2: self-extinguishing
CPR Classification: Eca

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

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

DESIGN



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

Nominal cross-section (mm²)	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

Technical changes reserved. All figures are therefore without guarantee.

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