



We Make
Modern Life
Possible



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



Standard
EN 50525-2-31



Certificate
EZÚ Czech Republic, ÖVE Austria



Test Voltage
2 kV / 50 Hz



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
4 x ϕ of wire



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

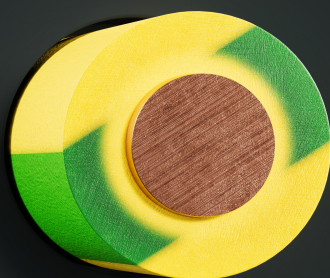


Core identification
According to EN 50525-1: CR, SM, MD,
HA, SE, OR, RZ, RA, TY, FI, BA, ZZ



Temperature range
Laying temperature: min. 5°C
Operating temperature: -30°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 (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	2	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

CONTACT PERSON

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