We Make Modern
Life Possible.



PVC AND RUBBER CABLES AND WIRES

H05V-U (YSe)

PVC Insulated wire, single core

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 (Uo/U)

Bending radius (min.)
4 x Ø of wire

Fire properties
EN 60332-1-2: flame retardant and 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	36.0	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

Technical changes reserved. All figures are therefore without guarantee.

CONTACT PERSON

Natalia Dikovits
Sales
+43 (0) 1 70170-120
natalia.dikovits@skw.at

