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PVC AND RUBBER CABLES AND WIRES

H05V-U (YSe)

PVC Insulated wire, single core



TECHNICAL DATA



Standard
EN 50525-2-31



Rated Voltage
300/500 V (Uo/U)



Test Voltage
2 kV / 50 Hz



Bending radius (min.)
4 x Ø of wire



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



Fire properties
EN 60332-1-2: flame retardant and self-
extinguishing
OPR: Eca



Certificate
EZÚ Czech Republic, ÖVE Austria



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



Copper conductor, round solid (RE) -U



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/packaging (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

CONTACT PERSON

Dogan Özcan, MSc
Head of Technical Department
+43 (0) 1 70170-154
dogan.oezcan@skw.at

