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Life Possible

HARMONISED INSULATED WIRES

H05V-K (YSf)

PVC insulated wire, fine core



TECHNICAL DATA



Standard
EN 50525-2-31



Certificate
ÖVE Austria



Test Voltage
2 kV



Rated Voltage
300/500 V (U₀/U)



Bending radius (min.)
4 x Ø of wire



Fire properties
EN 60332-1-2: flame retardant



Core identification
HD 308 S2



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, fine wire (-K)

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/packaging (m)
0.5	bk, bn, bu, vt, rd, og, ye, gy, gn, wh, gnye	39.0	2.1	9	100 R
0.75	bk, bn, rd, bu, wh	26.0	2.2	12	100 R
1	bk, bn, bu, vt, rd, og, ye, gy, gn, wh, gnye	19.5	2.4	14	100 R

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