

H05V-U 300/500 V - Single core non-sheathed wires with solid conductors



Application

Indoor application, household appliances, fix installation in ducts.

Global data

Standard	EN 50525-2-31
Type designation	H05V-U
Construction product regulation (CPR)	CPR acc. to DIN EN 50575, class and DoP-Code: see data table below DoP: see www.prysmiangroup.com/cpr

Design features

Conductor	Solid copper conductor IEC 60228 Cl.1
Insulation	PVC insulation
Available colours	Black, blue, brown, grey, orange, pink, red, turquoise, purple, white, green, yellow, yellow-green (green and yellow colours as S07V-U)
Marking	H05V-U 1 x 0,5 300/500 V black

Electrical parameters

Rated voltage	300/500 V
Test voltage (AC)	2 kV

Chemical parameters

Performance against fire	EN 60332-1
Lead Free	Yes

Thermal parameters

Max. operating temperature of conductor	70 °C
Max. operating temperature of the conductor	90 °C
Max. operating temperature of conductor at short-circuit	160 °C
Minimum installation temperature	-5 °C

Number of cores x cross section	Outer diameter nom. mm	Weight (approx.) kg/km	Conductor DC resistance at 20°C Ω /km	CPR fire class	CPR DoP-Code	Delivery length m
1x0,5	2.1	9	36	Eca	1001516	100, 200
1x0,75	2.2	11	24.5	Eca	1001516	100, 200
1x1	2.4	14	18.1	Eca	1001516	100, 200