

H05V-U

PVC single core, solid



TECHNICAL DATA

PVC single core acc. to DIN VDE 0285-525-2-31 / DIN EN 50525-2-31

Temperature range	flexible +5°C to +70°C fixed -30°C to +80°C
Nominal voltage	AC U ₀ /U 300/500 V
Test voltage	2000 V
Minimum bending radius	fixed 4x Outer-Ø

CABLE STRUCTURE

- Copper conductor bare, solid acc. to DIN VDE 0295 Class 1 / IEC 60228 Class 1
- Core insulation: PVC acc. to DIN VDE 0207-363-3 / DIN EN 50363-3 (compound type T11)
- Core identification: see table

- the materials used during manufacturing are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

TESTS

- flame-retardant acc. to DIN VDE 0482-332-1-2 / DIN EN 60332-1-2 / IEC 60332-1-2

APPLICATION

For installation in electrical conduits, on and under plaster, but only for signal and control circuits. Suitable for protected and fixed installation in appliances and luminaires.

NOTES

- the conductor is metrically (mm²) constructed, AWG numbers are approximated, and are for reference only

PROPERTIES

Ring in a box (100m)

Cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	black (RAL 9005)	green-yellow	blue (RAL 5015)	brown (RAL 8003)	red (RAL 3000)	white (RAL 9003)	grey (RAL 7001)	purple (RAL 4005)
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
0.5	20	1.9 - 2.3	4.8	28761	28762	28763	28764	28765	28766	28767	28768
0.75	19	2.1 - 2.5	7.2	28769	28770	28771	28772	28773	28774	28775	28776
1	18	2.2 - 2.7	9.6	28777	28778	28779	28780	28781	28782	28783	28784

Coil (with varying capacity)

Cross-sec. mm ²	AWG, approx.	Outer-Ø min - max mm	Cu-weight kg/km	black (RAL 9005)	green-yellow	blue (RAL 5015)	brown (RAL 8003)	red (RAL 3000)	white (RAL 9003)	grey (RAL 7001)	purple (RAL 4005)
				Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	Part no.	
0.5	20	1.9 - 2.3	4.8	26937	26938	26939	26940	26941	26942	26943	26944
0.75	19	2.1 - 2.5	7.2	26945	26946	26947	26948	26949	26950	26951	26952
1	18	2.2 - 2.7	9.6	26953	26954	26955	26956	26957	26958	26959	26960