H05V-U

Application

These insulated wires are suitable for laying in tubes, under and surface mounting of plasters and also in closed installation conduits but only for signal- and control circuit.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

acc. to DIN EN 50525-2-31 VDE 0285-525-2-31:2012-01 und IEC 60227-3,
self-extinguishing and flame retardant acc. to VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1,
DIN EN 50575 VDE 0482-575:2017-02

CE = The product is conformed with the EC Low-Voltage Directive 2014/35/EU.

Construction

Inner Conductor	bare copper conductor solid according to DIN VDE 0295 cl. 1, IEC 60228 cl. 1
Core Insulation	Polyvinyl chloride (PVC)

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2000 V
Bending Radius moved (xD)	4
Bending Radius fixed (xD)	0
Operating Temperature solid	-10 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Fire Classes	Eca

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Aderleitungen
Insulated Wires

Prod. Nr.	Dimensions	Color	Weight (kg/km)	Outer-Diameter (mm)
Prod. Nr.	Dimensions	Color	Weight (kg/km)	Outer-Diameter (mm)
00101001	1 x 0,5	black - black	8.0	2.0
00101023	1 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	8.0	2.0
00101026	1 x 0,5	white - white	8.0	2.0
00101027	1 x 0,5	red - red	8.0	2.0
00101028	1 x 0,5	brown - brown	8.0	2.0
00101029	1 x 0,5	grey - grey	8.0	2.0
00101030	1 x 0,5	green/yellow - green/yellow	8.0	2.0
00101034	1 x 0,5	yellow - yellow	8.0	2.0
00101019	1 x 0,75	black - black	11.0	2.2
00101018	1 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	11.0	2.2
00101022	1 x 0,75	brown - brown	11.0	2.2
00101016	1 x 0,75	green/yellow - green/yellow	11.0	2.2
00101021	1 x 0,75	orange - orange	11.0	2.2
00101020	1 x 0,75	red - red	11.0	2.2
00101017	1 x 0,75	white - white	11.0	2.2
00101024	1 x 0,75	violet - violet	11.0	2.2
00101025	1 x 0,75	grey - grey	11.0	2.2
00101031	1 x 0,75	green - green	11.0	2.2
00101035	1 x 0,75	yellow - yellow	11.0	2.2
00101002	1 x 1	black - black	13.0	2.4
00101003	1 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	13.0	2.4
00101015	1 x 1	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	13.0	2.4
00101005	1 x 1	brown - brown	13.0	2.4
00101004	1 x 1	green/yellow - green/yellow	13.0	2.4

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Insulated Wires

Prod. Nr.	Dimensions	Color	Weight (kg/km)	Outer-Diameter (mm)
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00101006	1 x 1	grey - grey	13.0	2.4
00101007	1 x 1	violet - violet	13.0	2.4
00101012	1 x 1	white - white	13.0	2.4
00101011	1 x 1	red - red	13.0	2.4
00101014	1 x 1	pink - pink	13.0	2.4
00101008	1 x 1	orange - orange	13.0	2.4
00101010	1 x 1	green - green	13.0	2.4
00101009	1 x 1	yellow - yellow	13.0	2.4

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