H07V-R



Application

These insulated wires are suitable for laying in tubes, under and surface mounting of plasters and also in closed installation conduits.

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 stranded according to DIN VDE 0295 cl. 2, IEC 60228 cl. 2
Core Insulation	Polyvinyl chloride (PVC)

Technical Data

Nominal Voltage	U_0/U: 450 /750 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2500 V
Bending Radius fixed (xD)	4
Operating Temperature solid	-10 °C bis 70 °C
Operating Temperature moving	5 °C bis 70 °C
Short Circuit Temperature	160 °C
Fire Classes	Eca

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Aderleitungen
Insulated Wires

Prod. Nr. Prod. Nr.	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00103001	1 x 6	black - black	70,0	4,6
00103002	1 x 6	blue (similar RAL 5015) - blue (similar RAL 5015)	70,0	4,6
00103003	1 x 6	green/yellow - green/yellow	70,0	4,6
00103004	1 x 10	black - black	115,0	5,8
00103005	1 x 10	blue (similar RAL 5015) - blue (similar RAL 5015)	115,0	5,8
00103007	1 x 10	brown - brown	115,0	5,8
00103006	1 x 10	green/yellow - green/yellow	115,0	5,8
00103008	1 x 16	black - black	185,0	7,1
00103009	1 x 16	blue (similar RAL 5015) - blue (similar RAL 5015)	185,0	7,1
00103011	1 x 16	brown - brown	185,0	7,1
00103010	1 x 16	green/yellow - green/yellow	185,0	7,1
00103047	1 x 16	grey - grey	185,0	7,1
00103013	1 x 25	black - black	290,0	8,8
00103014	1 x 25	blue (similar RAL 5015) - blue (similar RAL 5015)	290,0	8,8
00103016	1 x 25	brown - brown	290,0	8,8
00103015	1 x 25	green/yellow - green/yellow	290,0	8,8
00103018	1 x 35	black - black	390,0	10,0
00103019	1 x 35	blue (similar RAL 5015) - blue (similar RAL 5015)	390,0	10,0
00103021	1 x 35	brown - brown	390,0	10,0
00103020	1 x 35	green/yellow - green/yellow	390,0	10,0
00103022	1 x 50	black - black	565,0	11,7
00103023	1 x 50	blue (similar RAL 5015) - blue (similar RAL 5015)	565,0	11,7
00103024	1 x 50	green/yellow - green/yellow	565,0	11,7
00103025	1 x 70	black - black	790,0	13,5

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00103026	1 x 70	blue (similar RAL 5015) - blue (similar RAL 5015)	790,0	13,5
00103027	1 x 70	green/yellow - green/yellow	790,0	13,5
00103028	1 x 95	black - black	1.050,0	13,5
00103029	1 x 95	blue (similar RAL 5015) - blue (similar RAL 5015)	1.050,0	13,5
00103030	1 x 95	green/yellow - green/yellow	1.050,0	13,5
00103032	1 x 120	black - black	1.310,0	17,4
00103033	1 x 120	green/yellow - green/yellow	1.310,0	17,4
00103034	1 x 150	black - black	1.620,0	19,4
00103035	1 x 150	green/yellow - green/yellow	1.620,0	19,4
00103036	1 x 185	black - black	1.970,0	22,0
00103039	1 x 185	green/yellow - green/yellow	1.970,0	22,0
00103046	1 x 240	green/yellow - green/yellow	2.550,0	25,0
00103037	1 x 240	black - black	2.550,0	25,0

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