H07V-U



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 solid according to DIN VDE 0295 cl. 1, IEC 60228 cl. 1
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.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) approx. Weight (kg/km) approx.	Outer-Diameter (mm) approx. Outer-Diameter (mm) approx.
00102008		1 x 1,5	black - black	21,0	2,8
00102009		1 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	21,0	2,8
00102083		1 x 1,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	21,0	2,8
00102010		1 x 1,5	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	21,0	2,8
00102012		1 x 1,5	brown - brown	21,0	2,8
00102011		1 x 1,5	green/yellow - green/yellow	21,0	2,8
00102013		1 x 1,5	grey - grey	21,0	2,8
00102014		1 x 1,5	violet - violet	21,0	2,8
00102019		1 x 1,5	white - white	21,0	2,8
00102015		1 x 1,5	orange - orange	21,0	2,8
00102018		1 x 1,5	red - red	21,0	2,8
00102078		1 x 1,5	pink - pink	21,0	2,8
00102017		1 x 1,5	green - green	21,0	2,8
00102016		1 x 1,5	yellow - yellow	21,0	2,8
00102072	f	1 x 2,5	black - black	34,0	3,4
00102026		1 x 2,5	black - black	34,0	3,4
00102027		1 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	34,0	3,4
00102073	f	1 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	34,0	3,4
00102108	k	1 x 2,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	34,0	3,4
00102029		1 x 2,5	brown - brown	34,0	3,4
00102074	f	1 x 2,5	brown - brown	34,0	3,4
00102028		1 x 2,5	green/yellow - green/yellow	34,0	3,4
00102075	f	1 x 2,5	green/yellow - green/yellow	34,0	3,4
00102030		1 x 2,5	grey - grey	34,0	3,4

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00102082	k	1 x 2,5	light grey - light grey	34,0	3,4
00102031		1 x 2,5	violet - violet	34,0	3,4
00102036		1 x 2,5	white - white	34,0	3,4
00102032		1 x 2,5	orange - orange	34,0	3,4
00102035		1 x 2,5	red - red	34,0	3,4
00102034		1 x 2,5	green - green	34,0	3,4
00102033		1 x 2,5	yellow - yellow	34,0	3,4
00102038		1 x 4	black - black	50,0	3,9
00102039		1 x 4	blue (similar RAL 5015) - blue (similar RAL 5015)	50,0	3,9
00102041		1 x 4	brown - brown	50,0	3,9
00102040		1 x 4	green/yellow - green/yellow	50,0	3,9
00102042		1 x 4	grey - grey	50,0	3,9
00102043		1 x 4	violet - violet	50,0	3,9
00102046		1 x 4	red - red	50,0	3,9
00102045		1 x 4	green - green	50,0	3,9
00102047		1 x 4	yellow - yellow	50,0	3,9
00102048		1 x 6	black - black	70,0	4,4
00102049		1 x 6	blue (similar RAL 5015) - blue (similar RAL 5015)	70,0	4,4
00102084		1 x 6	light blue (similar RAL 5012) - light blue (similar RAL 5012)	70,0	4,4
00102051		1 x 6	brown - brown	70,0	4,4
00102050		1 x 6	green/yellow - green/yellow	70,0	4,4
00102052		1 x 6	grey - grey	70,0	4,4
00102053		1 x 6	violet - violet	70,0	4,4
00102064		1 x 6	red - red	70,0	4,4

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00102063		1 x 6	white - white	70,0	4,4
00102054		1 x 6	green - green	70,0	4,4
00102056		1 x 10	black - black	115,0	5,6
00102057		1 x 10	blue (similar RAL 5015) - blue (similar RAL 5015)	115,0	5,6
00102059		1 x 10	brown - brown	115,0	5,6
00102058		1 x 10	green/yellow - green/yellow	115,0	5,6
00102060		1 x 10	grey - grey	115,0	5,6
00102062		1 x 10	red - red	115,0	5,6
00102079		1 x 16	black - black	195,0	7,2
00102118		1 x 16	blue (similar RAL 5015) - blue (similar RAL 5015)	195,0	7,2
00102119		1 x 16	brown - brown	195,0	7,2
00102080		1 x 16	green/yellow - green/yellow	195,0	7,2
00102120		1 x 16	grey - grey	195,0	7,2

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