H05Z-U



Application

Halogen-free single-core wires are used for installation in dry enviroments for wiring up lighting fixtures and units where valuable assets are to protected from further damage resulting from fire. These cables may be installed on, in and beneath plaster, as well as in closed installation ducts.

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

Standards

CEI 20-19/9 HD 22
EN 50525-3-41
BS 7211
Type 6491B

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

Construction

Inner Conductor	plain Cu wire conductor, single-wire, according to DIN VDE 0295 cl. 1, BS 6360 cl. 1 and IEC 60228 cl. 1, HD 383
Core Insulation	cross-linked polyolefin, compound typ EI5 to DIN VDE 0282 part 1

Technical Data

Nominal Voltage	U_0/U: 300 /500 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2500 V
Bending Radius fixed (xD)	4
Operating Temperature solid	5 °C bis 90 °C
Operating Temperature moving	0 °C bis 0 °C
Short Circuit Temperature	250 °C
Short Circuit Duration	5 sek.
Fire Classes	Fca

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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.
01921041	1 x 0,5	black - black	8,5	2,2
01921042	1 x 0,5	green/yellow - green/yellow	8,5	2,2
01921040	1 x 0,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	8,5	2,2
01921043	1 x 0,5	brown - brown	8,5	2,2
01921044	1 x 0,5	red - red	8,5	2,2
01921045	1 x 0,5	white - white	8,5	2,2
01921017	1 x 0,75	black - black	10,0	2,5
01921037	1 x 0,75	light blue (similar RAL 5012) - light blue (similar RAL 5012)	10,0	2,5
01921036	1 x 0,75	brown - brown	10,0	2,5
01921020	1 x 0,75	green/yellow - green/yellow	10,0	2,5
01921019	1 x 0,75	grey - grey	10,0	2,5
01921021	1 x 0,75	red - red	10,0	2,5
01921018	1 x 0,75	white - white	10,0	2,5

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