H07Z-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.

Standards

DIN EN 50525-3-41; VDE 0285-525-3-41:2012-01,
DIN EN 60754-1 VDE 0482-754-1:2021-02, EN 60684-2,
DIN EN 61034-2

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: 450 /750 V
Nominal Volatage DC	U_0/U: 0 /0
Test Voltage	2500 V
Bending Radius moved (xD)	2
Bending Radius fixed (xD)	4
Operating Temperature solid	-25 °C bis 90 °C
Operating Temperature moving	5 °C bis 90 °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.
01921001	1 x 1,5	black - black	20,0	3,0
01921003	1 x 1,5	green/yellow - green/yellow	20,0	3,0
01921002	1 x 1,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	20,0	3,0
01921004	1 x 1,5	brown - brown	20,0	3,0
01921014	1 x 1,5	red - red	20,0	3,0
01921033	1 x 1,5	violet - violet	20,0	3,0
01921027	1 x 1,5	white - white	20,0	3,0
01921028	1 x 1,5	grey - grey	20,0	3,0
01921032	1 x 1,5	orange - orange	20,0	3,0
01921005	1 x 2,5	black - black	30,0	3,4
01921006	1 x 2,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	30,0	3,4
01921034	1 x 2,5	brown - brown	30,0	3,4
01921007	1 x 2,5	green/yellow - green/yellow	30,0	3,4
01921015	1 x 2,5	red - red	30,0	3,4
01921016	1 x 2,5	white - white	30,0	3,4
01921035	1 x 2,5	grey - grey	30,0	3,4

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