H05Z-K



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	fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5
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	-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	Eca

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ACS Handels GmbH
Kabel - Leitungen - Zubehör
Bahnhofstraße 1, 4531 Kematen / Krems

Tel.: +43 7228 200 880
E-Mail: office@acs.at

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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.	Power Load Air (A) Power Load Air (A)
01920055	1 x 0,5	black - black	9,0	2,1	3
01920071	1 x 0,5	brown - brown	9,0	2,1	3
01920074	1 x 0,5	blue (similar RAL 5015) - blue (similar RAL 5015)	9,0	2,1	3
01920135	1 x 0,5	green/yellow - green/yellow	9,0	2,1	3
01920075	1 x 0,5	red - red	9,0	2,1	3
01920095	1 x 0,5	grey - grey	9,0	2,1	3
01920096	1 x 0,5	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	9,0	2,1	3
01920094	1 x 0,5	yellow - yellow	9,0	2,1	3
01920144	1 x 0,5	green - green	9,0	2,1	3
01920093	1 x 0,5	orange - orange	9,0	2,1	3
01920121	1 x 0,5	white - white	9,0	2,1	3
01920134	1 x 0,5	violet - violet	9,0	2,1	3
01920157	1 x 0,5	brown/white - brown/white	9,0	2,1	3
01920158	1 x 0,5	dark blue/white - dark blue/white	9,0	2,1	3
01920054	1 x 0,75	black - black	11,0	2,3	6
01920056	1 x 0,75	white - white	11,0	2,3	6
01920068	1 x 0,75	grey - grey	11,0	2,3	6
01920069	1 x 0,75	blue (similar RAL 5015) - blue (similar RAL 5015)	11,0	2,3	6
01920070	1 x 0,75	red - red	11,0	2,3	6
01920072	1 x 0,75	brown - brown	11,0	2,3	6
01920076	1 x 0,75	green/yellow - green/yellow	11,0	2,3	6
01920077	1 x 0,75	violet - violet	11,0	2,3	6
01920084	1 x 0,75	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	11,0	2,3	6
01920102	1 x 0,75	blue/white - blue/white	11,0	2,3	6

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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.	Power Load Air (A) Power Load Air (A)
01920103	1 x 0,75	dark blue/white - dark blue/white	11,0	2,3	6
01920104	1 x 0,75	red/white - red/white	11,0	2,3	6
01920122	1 x 0,75	orange - orange	11,0	2,3	6
01920133	1 x 0,75	yellow - yellow	11,0	2,3	6
01920152	1 x 0,75	green - green	11,0	2,3	6
01920146	1 x 0,75	light blue (similar RAL 5012) - light blue (similar RAL 5012)	11,0	2,3	6
01920013	1 x 1	black - black	14,0	2,5	10
01920057	1 x 1	blue (similar RAL 5015) - blue (similar RAL 5015)	14,0	2,5	10
01920147	1 x 1	light blue (similar RAL 5012) - light blue (similar RAL 5012)	14,0	2,5	10
01920113	1 x 1	yellow - yellow	14,0	2,5	10
01920112	1 x 1	green - green	14,0	2,5	10
01920053	1 x 1	violet - violet	14,0	2,5	10
01920045	1 x 1	white - white	14,0	2,5	10
01920044	1 x 1	red - red	14,0	2,5	10
01920060	1 x 1	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	14,0	2,5	10
01920062	1 x 1	green/yellow - green/yellow	14,0	2,5	10
01920063	1 x 1	brown - brown	14,0	2,5	10
01920080	1 x 1	grey - grey	14,0	2,5	10
01920081	1 x 1	orange - orange	14,0	2,5	10
01920105	1 x 1	blue/white - blue/white	14,0	2,5	10
01920106	1 x 1	dark blue/white - dark blue/white	14,0	2,5	10
01920107	1 x 1	red/white - red/white	14,0	2,5	10
01920142	1 x 1	brown/white - brown/white	14,0	2,5	10

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