H07Z-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. Suitable for fixed lay, in pipe, cable-carrier channels, inner wiring of electric switchboards, inside interruption and control equipments for voltage until
1000V in c.a. and 750V d.c. to the ground.

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: 450 /750 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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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)
01920005	1 x 1,5	black - black	20,0	2,9	20
01920006	1 x 1,5	blue (similar RAL 5015) - blue (similar RAL 5015)	20,0	2,9	20
01920035	1 x 1,5	brown - brown	20,0	2,9	20
01920007	1 x 1,5	green/yellow - green/yellow	20,0	2,9	20
01920059	1 x 1,5	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	20,0	2,9	20
01920073	1 x 1,5	grey - grey	20,0	2,9	20
01920031	1 x 1,5	red - red	20,0	2,9	20
01920032	1 x 1,5	violet - violet	20,0	2,9	20
01920033	1 x 1,5	yellow - yellow	20,0	2,9	20
01920034	1 x 1,5	green - green	20,0	2,9	20
01920043	1 x 1,5	white - white	20,0	2,9	20
01920078	1 x 1,5	orange - orange	20,0	2,9	20
01920108	1 x 1,5	blue/white - blue/white	20,0	2,9	20
01920109	1 x 1,5	dark blue/white - dark blue/white	20,0	2,9	20
01920110	1 x 1,5	red/white - red/white	20,0	2,9	20
01920162	1 x 1,5	pink - pink	20,0	2,9	20
01920003	1 x 2,5	black - black	30,0	3,6	28
01920036	1 x 2,5	blue (similar RAL 5015) - blue (similar RAL 5015)	30,0	3,6	28
01920064	1 x 2,5	brown - brown	30,0	3,6	28
01920008	1 x 2,5	green/yellow - green/yellow	30,0	3,6	28
01920049	1 x 2,5	white - white	30,0	3,6	28
01920058	1 x 2,5	red - red	30,0	3,6	28
01920061	1 x 2,5	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	30,0	3,6	28
01920067	1 x 2,5	yellow - yellow	30,0	3,6	28

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01920089	1 x 2,5	grey - grey	30,0	3,6	28
01920117	1 x 2,5	green - green	30,0	3,6	28
01920118	1 x 2,5	violet - violet	30,0	3,6	28
01920123	1 x 2,5	orange - orange	30,0	3,6	28
01920145	1 x 2,5	light blue (similar RAL 5012) - light blue (similar RAL 5012)	30,0	3,6	28
01920171	1 x 2,5	blue/white - blue/white	30,0	3,6	28
01920172	1 x 2,5	dark blue/white - dark blue/white	30,0	3,6	28
01920009	1 x 4	black - black	45,0	4,1	37
01920037	1 x 4	blue (similar RAL 5015) - blue (similar RAL 5015)	45,0	4,1	37
01920038	1 x 4	brown - brown	45,0	4,1	37
01920010	1 x 4	green/yellow - green/yellow	45,0	4,1	37
01920082	1 x 4	red - red	45,0	4,1	37
01920085	1 x 4	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	45,0	4,1	37
01920090	1 x 4	white - white	45,0	4,1	37
01920097	1 x 4	grey - grey	45,0	4,1	37
01920101	1 x 4	yellow - yellow	45,0	4,1	37
01920119	1 x 4	green - green	45,0	4,1	37
01920120	1 x 4	violet - violet	45,0	4,1	37
01920136	1 x 4	orange - orange	45,0	4,1	37
01920167	1 x 4	blue/white - blue/white	45,0	4,1	37
01920015	1 x 6	black - black	65,0	4,7	48
01920051	1 x 6	blue (similar RAL 5015) - blue (similar RAL 5015)	65,0	4,7	48
01920052	1 x 6	brown - brown	65,0	4,7	48
01920014	1 x 6	green/yellow - green/yellow	65,0	4,7	48

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01920086	1 x 6	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	65,0	4,7	48
01920099	1 x 6	grey - grey	65,0	4,7	48
01920066	1 x 6	red - red	65,0	4,7	48
01920111	1 x 6	white - white	65,0	4,7	48
01920124	1 x 6	orange - orange	65,0	4,7	48
01920125	1 x 6	violet - violet	65,0	4,7	48
01920137	1 x 6	yellow - yellow	65,0	4,7	48
01920148	1 x 6	green - green	65,0	4,7	48
01920011	1 x 10	black - black	110,0	6,0	66
01920012	1 x 10	green/yellow - green/yellow	110,0	6,0	66
01920046	1 x 10	blue (similar RAL 5015) - blue (similar RAL 5015)	110,0	6,0	66
01920047	1 x 10	brown - brown	110,0	6,0	66
01920087	1 x 10	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	110,0	6,0	66
01920091	1 x 10	white - white	110,0	6,0	66
01920098	1 x 10	grey - grey	110,0	6,0	66
01920092	1 x 10	red - red	110,0	6,0	66
01920149	1 x 10	green - green	110,0	6,0	66
01920156	1 x 10	orange - orange	110,0	6,0	66
01920164	1 x 10	violet - violet	110,0	6,0	66
01920165	1 x 10	pink - pink	110,0	6,0	66
01920166	1 x 10	yellow - yellow	110,0	6,0	66
01920002	1 x 16	black - black	160,0	6,9	88
01920004	1 x 16	green/yellow - green/yellow	160,0	6,9	88
01920041	1 x 16	blue (similar RAL 5015) - blue (similar RAL 5015)	160,0	6,9	88

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01920065	1 x 16	red - red	160,0	6,9	88
01920079	1 x 16	brown - brown	160,0	6,9	88
01920088	1 x 16	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	160,0	6,9	88
01920126	1 x 16	white - white	160,0	6,9	88
01920132	1 x 16	grey - grey	160,0	6,9	88
01920170	1 x 16	yellow - yellow	160,0	6,9	88
01920017	1 x 25	black - black	250,0	8,5	117
01920029	1 x 25	green/yellow - green/yellow	250,0	8,5	117
01920042	1 x 25	blue (similar RAL 5015) - blue (similar RAL 5015)	250,0	8,5	117
01920141	1 x 25	brown - brown	250,0	8,5	117
01920159	1 x 25	dark blue (similar RAL 5010) - dark blue (similar RAL 5010)	250,0	8,5	117
01920143	1 x 25	red - red	250,0	8,5	117
01920161	1 x 25	grey - grey	250,0	8,5	117
01920016	1 x 35	black - black	340,0	9,7	144
01920030	1 x 35	green/yellow - green/yellow	340,0	9,7	144
01920048	1 x 35	blue (similar RAL 5015) - blue (similar RAL 5015)	340,0	9,7	144
01920150	1 x 35	red - red	340,0	9,7	144
01920151	1 x 35	brown - brown	340,0	9,7	144
01920153	1 x 35	grey - grey	340,0	9,7	144
01920039	1 x 50	black - black	480,0	11,6	175
01920040	1 x 50	green/yellow - green/yellow	480,0	11,6	175
01920050	1 x 50	blue (similar RAL 5015) - blue (similar RAL 5015)	480,0	11,6	175
01920154	1 x 50	brown - brown	480,0	11,6	175
01920155	1 x 50	grey - grey	480,0	11,6	175

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01920018	1 x 70	black - black	670,0	13,5	222
01920019	1 x 70	green/yellow - green/yellow	670,0	13,5	222
01920083	1 x 70	blue (similar RAL 5015) - blue (similar RAL 5015)	670,0	13,5	222
01920160	1 x 70	brown - brown	670,0	13,5	222
01920020	1 x 95	black - black	890,0	15,3	269
01920021	1 x 95	green/yellow - green/yellow	890,0	15,3	269
01920140	1 x 95	blue (similar RAL 5015) - blue (similar RAL 5015)	890,0	15,3	269
01920169	1 x 95	brown - brown	890,0	15,3	269
01920022	1 x 120	black - black	1.140,0	17,0	312
01920023	1 x 120	green/yellow - green/yellow	1.140,0	17,0	312
01920024	1 x 150	black - black	1.410,0	18,9	355
01920100	1 x 150	green/yellow - green/yellow	1.410,0	18,9	355
01920025	1 x 185	black - black	1.710,0	20,9	417
01920026	1 x 185	green/yellow - green/yellow	1.710,0	20,9	417
01920027	1 x 240	black - black	2.270,0	23,8	490
01920028	1 x 240	green/yellow - green/yellow	2.270,0	23,8	490

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