



## Halogen-free cables - H05Z-K/H07Z-K single cores



### Technical attributes

Standards	DIN VDE 0282-9, (DIN EN 50525-3-41), HD 22.9
Conductor material	Cu, bare
Conductor type	flexible
Conductor category	5
Core insulation	cross-linked Elastomer
Core colours	various
Temperature range min., fixed installation	-10 °C
Temperature range max., fixed installation	+90 °C
Minimum installation temperature	+5 °C
Short circuit temperature at conductor max.	+250 °C
Nominal voltage U <sub>0</sub> /U	H05... = 300/500 V; H07... = 450/750 V
Minimum bending radius	4 x cable Ø
RoHS-compliant	yes

### Description

This cable is particularly suited in high fire risk places containing a great number of people (like offices, data processing centres, schools, hotels, supermarket, undergrounds, hospitals, cinemas, theaters, discos). 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.

### Note

single cores

- halogen-free DIN EN 50267/2-1
- flame-retardant IEC/EN 60332-1-2
- smoke-density IEC 61034-2

### Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg]	Outer-Ø ca. [mm]	Outer sheath colour
01618002	H05Z-K 0,5 bk	9,00	4,80	2,60	black
01618003	H05Z-K 0,5 rd	9,00	4,80	2,60	red
01618004	H05Z-K 0,5 bu RAL5015	9,00	4,80	2,60	RAL 5015 blue
01618005	H05Z-K 0,5 gn/ye	9,00	4,80	2,60	green/yellow
01618084	H05Z-K 0,5 vt	9,00	4,80	2,60	violet
01618085	H05Z-K 0,5 wh	9,00	4,80	2,60	white
01618086	H05Z-K 0,5 gy	9,00	4,80	2,60	grey
01618088	H05Z-K 0,5 RAL 5010 dbu	9,00	4,80	2,60	RAL 5010 dark blue
01618126	H05Z-K 0,5 og	9,00	4,80	2,60	orange



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01618095	(H)05Z-K 0,5 gn	9,00	4,80	2,60	green
01618107	H05Z-K 0,5 bn	9,00	4,80	2,60	brown
01618006	H05Z-K 0,75 bk	11,00	7,20	2,80	black
01618007	H05Z-K 0,75 bu RAL5015	11,00	7,20	2,80	RAL 5015 blue
01618008	H05Z-K 0,75 gn/ye	11,00	7,20	2,80	green/yellow
01618009	H05Z-K 0,75 bn	11,00	7,20	2,80	brown
01618010	H05Z-K 0,75 rd	11,00	7,20	2,80	red
01618087	H05Z-K 0,75 og	11,00	7,20	2,80	orange
01618090	H05Z-K 0,75 gy	11,00	7,20	2,80	grey
01618091	H05Z-K 0,75 wh	11,00	7,20	2,80	white
01618096	(H)05Z-K 0,75 gn	11,00	7,20	2,80	green
01618099	H05Z-K 0,75 dbu RAL 5010	11,00	7,20	2,80	RAL 5010 dark blue
01618103	H05Z-K 0,75 vt	11,00	7,20	2,80	violet
01618105	(H)05Z-K 0,75 ye	11,00	7,20	2,80	yellow
01618011	H05Z-K 1 bu RAL5015	14,00	9,60	2,90	RAL 5015 blue
01618013	H05Z-K 1 bk	14,00	9,60	2,90	black
01618014	H05Z-K 1 gn/ye	14,00	9,60	2,90	green/yellow
01618015	H05Z-K 1 bn	14,00	9,60	2,90	brown
01618016	H05Z-K 1 rd	14,00	9,60	2,90	red
01618069	H05Z-K 1 vt	14,00	9,60	2,90	violet
01618070	H05Z-K 1 wh	14,00	9,60	2,90	white
01618108	(H)05Z-K 1 ye	14,00	9,60	2,90	yellow
01618074	H05Z-K 1 og	14,00	9,60	2,90	orange
01618079	H05Z-K 1 RAL 5010 dbu	14,00	9,60	2,90	RAL 5010 dark blue
01618089	H05Z-K 1 gy	14,00	9,60	2,90	grey
01618097	(H)05Z-K 1 gn	14,00	9,60	2,90	green
01618017	H07Z-K 1,5 rd	20,00	14,40	2,90	red
01618019	H07Z-K 1,5 bk	20,00	14,40	2,90	black
01618020	H07Z-K 1,5 gn/ye	20,00	14,40	2,90	green/yellow
01618021	H07Z-K 1,5 bn	20,00	14,40	2,90	brown
01618125	H07Z-K 1,5 RAL 5002 dbu	20,00	14,40	3,50	RAL 5002 ultramarine blue
01618018	(H)07Z-K 1,5 ye	20,00	14,40	3,50	yellow
01618022	H07Z-K 1,5 bu RAL5015	20,00	14,40	2,90	RAL 5015 blue



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01618062	H07Z-K 1,5 dbu RAL 5010	20,00	14,40	2,90	RAL 5010 dark blue
01618081	H07Z-K 1,5 vt	20,00	14,40	2,90	violet
01618082	(H)07Z-K 1,5 gn	20,00	14,40	2,90	green
01618083	H07Z-K 1,5 gy	20,00	14,40	2,90	grey
01618093	H07Z-K 1,5 wh	20,00	14,40	2,90	white
01618094	H07Z-K 1,5 og	20,00	14,40	2,90	orange
01618023	(H)07Z-K 2,5 ye	30,00	24,00	3,60	yellow
01618024	H07Z-K 2,5 bk	30,00	24,00	3,60	black
01618025	H07Z-K 2,5 gn/ye	30,00	24,00	3,60	green/yellow
01618026	H07Z-K 2,5 bn	30,00	24,00	3,60	brown
01618027	H07Z-K 2,5 bu RAL5015	30,00	24,00	3,60	RAL 5015 blue
01618109	H07Z-K 2,5 dbu RAL5010	30,00	24,00	4,00	RAL 5010 dark blue
01618071	H07Z-K 2,5 wh	30,00	24,00	3,60	white
01618075	H07Z-K 2,5 rd	30,00	24,00	3,60	red
01618098	H07Z-K 2,5 vt	30,00	24,00	3,60	violet
01618100	H07Z-K 2,5 gy	30,00	24,00	3,60	grey
01618101	H07Z-K 2,5 og	30,00	24,00	3,60	orange
01618104	(H)07Z-K 2,5 gn	30,00	24,00	3,60	green
01618029	H07Z-K 4 bk	45,00	38,40	4,60	black
01618030	H07Z-K 4 gn/ye	45,00	38,40	4,60	green/yellow
01618031	H07Z-K 4 bn	45,00	38,40	4,60	brown
01618130	H07Z-K 4 og	45,00	38,00	4,60	orange
01618032	H07Z-K 4 bu RAL5015	45,00	38,40	4,60	RAL 5015 blue
01618077	H07Z-K 4 vt	45,00	38,40	4,60	violet
01618124	H07Z-K 4 RAL 5010 dbu	45,00	38,00	4,60	RAL 5010 dark blue
01618131	H07Z-K 4 wt	45,00	38,00	4,60	various
01618128	(H)07Z-K 4 ye	45,00	38,00	4,60	yellow
01618112	H07Z-K 4 rd	45,00	38,00	4,60	red
01618092	H07Z-K 4 gy	45,00	38,40	4,60	grey
01618106	H07Z-K 4 dbu	45,00	38,40	4,60	dark blue
01618034	H07Z-K 6 bk	65,00	58,00	4,70	black
01618035	H07Z-K 6 gn/ye	65,00	58,00	4,70	green/yellow
01618036	H07Z-K 6 bn	65,00	58,00	4,70	brown



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01618037	H07Z-K 6 bu RAL5015	65,00	58,00	4,70	RAL 5015 blue
01618033	H07Z-K 6 rd	65,00	58,00	4,70	red
01618127	H07Z-K 6 dbu RAL 5010	65,00	58,00	4,70	RAL 5010 dark blue
01618118	H07Z-K 6 gy	65,00	58,00	4,70	grey
01618135	H07Z-K 6 vio	65,00	58,00	4,70	violet
01618136	H07Z-K 6 wt	65,00	58,00	4,70	white
01618132	(H)07Z-K 6 ye	65,00	58,00	4,70	yellow
01618133	(H)07Z-K 6 gn	65,00	58,00	4,70	green
01618039	H07Z-K 10 bk	109,00	96,00	6,80	black
01618040	H07Z-K 10 gn/ye	109,00	96,00	6,80	green/yellow
01618061	H07Z-K 10 bu RAL5015	109,00	96,00	6,80	RAL 5015 blue
01618102	H07Z-K 10 gy	109,00	96,00	6,80	grey
01618140	H07Z-K 10 og	109,00	96,00	6,80	orange
01618119	H07Z-K 10 bn	109,00	96,00	6,80	brown
01618137	H07Z-K 10 bu RAL5010	109,00	96,00	6,80	RAL 5010 dark blue
01618141	H07Z-K 10 vio	109,00	96,00	6,80	violet
01618038	H07Z-K 10 rd	109,00	96,00	6,80	red
01618142	H07Z-K 10 wt	109,00	96,00	6,80	white
01618042	H07Z-K 16 bk	160,00	154,00	8,20	black
01618043	H07Z-K 16 gn/ye	160,00	154,00	8,20	green/yellow
01618044	H07Z-K 16 bn	160,00	154,00	8,20	brown
01618045	(H)07Z-K 16 gn	160,00	154,00	8,20	green
01618078	H07Z-K 16 bu RAL5015	160,00	154,00	8,20	RAL 5015 blue
01618123	H07Z-K 16 gy	160,00	154,00	8,20	grey
01618144	(H)07Z-K 16 ye	160,00	154,00	8,20	yellow
01618117	H07Z-K 16 wt	160,00	154,00	8,20	white
01618080	H07Z-K 16 rd	160,00	154,00	8,20	red
01618143	H07Z-K 16 bu RAL5010	160,00	154,00	8,20	RAL 5010 dark blue
01618154	H07Z-K 25 bn	248,00	240,00	10,40	brown
01618155	H07Z-K 25 gr	248,00	240,00	10,40	grey
01618048	H07Z-K 25 bk	248,00	240,00	10,40	black
01618113	H07Z-K 25 bu RAL5015	248,00	240,00	10,40	RAL 5015 blue
01618049	H07Z-K 25 gn/ye	248,00	240,00	10,40	green/yellow



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01618149	H07Z-K 25 wh	248,00	240,00	10,40	white
01618058	H07Z-K 35 bk	340,00	336,00	11,90	black
01618059	H07Z-K 35 gn/ye	340,00	336,00	11,90	green/yellow
01618121	H07Z-K 35 red	340,00	336,00	11,90	red
01618110	H07Z-K 35 bu RAL5015	340,00	336,00	11,90	RAL 5015 blue
01618150	H07Z-K 35 wh	340,00	336,00	11,90	white
01618063	H07Z-K 50 bk	480,00	480,00	13,70	black
01618051	H07Z-K 50 bu RAL5015	480,00	480,00	13,70	RAL 5015 blue
01618072	H07Z-K 50 gn/ye	480,00	480,00	13,70	green/yellow
01618060	H07Z-K 70 bk	700,00	672,00	16,40	black
01618073	H07Z-K 70 gn/ye	700,00	672,00	16,40	green/yellow
01618122	H07Z-K 70 bu	700,00	672,00	16,40	RAL 5015 blue
01618064	H07Z-K 95 bk	950,00	912,00	18,20	black
01618076	H07Z-K 95 gn/ye	950,00	912,00	18,20	green/yellow
01618065	H07Z-K 120 bk	1200,00	1152,00	20,20	black
01618120	H07Z-K 120 gn/ye	1200,00	1152,00	20,20	green/yellow
01618111	H07Z-K 150 gn/ye	1500,00	1440,00	22,70	green/yellow
01618066	H07Z-K 150 bk	1500,00	1440,00	22,70	black
01618152	H07Z-K 185 gn/ye	1850,00	1776,00	25,20	green/yellow
01618067	H07Z-K 185 bk	1850,00	1776,00	25,20	black
01618153	H07Z-K 240 gn/ye	2400,00	2304,00	28,50	green/yellow
01618068	H07Z-K 240 bk	2400,00	2304,00	28,50	black