

H07V-K

European cable type certification

H07V-K, HAR, power and control cable, PVC, 450/750V, wiring of devices and control cabinets, flame-retardant, class 5/ fine wire, fixed installation, ring/spool



Info

Application range

Laying in tubes, exposed or buried in plaster, and in closed installation ducts
For direct laying on racks, troughs and tubes only as potential equalisation conductor

Benefits

Cables' marking also stands for the international endorsement of national certification institutes' testing marks and certificates, e. g. . The marking is of special importance in case of goods traffic between European countries.

Product Make-up

Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
Core insulation: Based on PVC

Norm references / Approvals

No cable type certified core insulation colours according to EN 50525-1/ VDE 0285-525-1: transparent, green (single colour), yellow (single colour), all double colours (except of green-yellow and yellow-green)
cable type certification acc. EN 50525-2-31

Product features

Flame-retardant according IEC 60332-1-2
Spool: d1 = 18 mm; d2 = 200 mm; b = 85 mm

H07V-K

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

Copper price basis: EUR 150/100 kg. Refer to catalogue appendix T17 for the definition and calculation of copper-related surcharges.

Packaging size: Coil \leq 30 kg, otherwise drum

Photographs are not to scale and do not represent detailed images of the respective products.

*for conventional use, **for careful bending; "OD" = outer diameter

The outer diameters stated in the part number table are maximum values.

**H07V-K**

Article number	Conductor cross-section (mm ²)	Outer diameter (mm)	Core colour	m/spool	Copper index (kg/km)	Weight (kg/km)
4520001S	1.5	2.8 - 3.4	green/yellow	150	14.4	22
4520011S	1.5	2.8 - 3.4	black	150	14.4	22
4520021S	1.5	2.8 - 3.4	blue	150	14.4	22
4520141S	1.5	2.8 - 3.4	dark blue	150	14.4	22
4520031S	1.5	2.8 - 3.4	brown	150	14.4	22
4520041S	1.5	2.8 - 3.4	red	150	14.4	22
4520051S	1.5	2.8 - 3.4	white	150	14.4	22
4520061S	1.5	2.8 - 3.4	grey	150	14.4	22
4520002S	2.5	3.4 - 4.1	green/yellow	100	24	37
4520012S	2.5	3.4 - 4.1	black	100	24	37
4520022S	2.5	3.4 - 4.1	blue	100	24	37
4520142S	2.5	3.4 - 4.1	dark blue	100	24	37
4520032S	2.5	3.4 - 4.1	brown	100	24	37
4520042S	2.5	3.4 - 4.1	red	100	24	37
4520052S	2.5	3.4 - 4.1	white	100	24	37
4520062S	2.5	3.4 - 4.1	grey	100	24	37
4520001	1.5	2.8 - 3.4	green/yellow	100	14.4	22
4520011	1.5	2.8 - 3.4	black	100	14.4	22
4520021	1.5	2.8 - 3.4	blue	100	14.4	22
4520141	1.5	2.8 - 3.4	dark blue	100	14.4	22
4520031	1.5	2.8 - 3.4	brown	100	14.4	22
4520111	1.5	2.8 - 3.4	yellow	100	14.4	22
4520121	1.5	2.8 - 3.4	green	100	14.4	22
4520071	1.5	2.8 - 3.4	violet	100	14.4	22
4520041	1.5	2.8 - 3.4	red	100	14.4	22
4520051	1.5	2.8 - 3.4	white	100	14.4	22
4520061	1.5	2.8 - 3.4	grey	100	14.4	22
4520161	1.5	2.8 - 3.4	ultra-marine blue	100	14.4	22
4520002	2.5	3.4 - 4.1	green/yellow	100	24	37
4520012	2.5	3.4 - 4.1	black	100	24	37
4520022	2.5	3.4 - 4.1	blue	100	24	37
4520142	2.5	3.4 - 4.1	dark blue	100	24	37
4520032	2.5	3.4 - 4.1	brown	100	24	37
4520112	2.5	3.4 - 4.1	yellow	100	24	37

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PN 0456 / 02_03_16

H07V-K

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4520122	2.5	3.4 - 4.1	green	100	24	37
4520072	2.5	3.4 - 4.1	violet	100	24	37
4520042	2.5	3.4 - 4.1	red	100	24	37
4520052	2.5	3.4 - 4.1	white	100	24	37
4520062	2.5	3.4 - 4.1	grey	100	24	37
4520162	2.5	3.4 - 4.1	ultra-marine blue	100	24	37
4520003	4	3.9 - 4.8	green/yellow	100	38.4	45
4520013	4	3.9 - 4.8	black	100	38.4	45
4520023	4	3.9 - 4.8	blue	100	38.4	45
4520143	4	3.9 - 4.8	dark blue	100	38.4	45
4520033	4	3.9 - 4.8	brown	100	38.4	45
4520113	4	3.9 - 4.8	yellow	100	38.4	45
4520123	4	3.9 - 4.8	green	100	38.4	45
4520043	4	3.9 - 4.8	red	100	38.4	45
4520053	4	3.9 - 4.8	white	100	38.4	45
4520063	4	3.9 - 4.8	grey	100	38.4	45
4520163	4	3.9 - 4.8	ultra-marine blue	100	38.4	45
4520004	6	4.4 - 5.3	green/yellow	100	57.6	71
4520014	6	4.4 - 5.3	black	100	57.6	71
4520024	6	4.4 - 5.3	blue	100	57.6	71
4520144	6	4.4 - 5.3	dark blue	100	57.6	71
4520034	6	4.4 - 5.3	brown	100	57.6	71
4520114	6	4.4 - 5.3	yellow	100	57.6	71
4520124	6	4.4 - 5.3	green	100	57.6	71
4520074	6	4.4 - 5.3	violet	100	57.6	71
4520094	6	4.4 - 5.3	orange	100	57.6	71
4520044	6	4.4 - 5.3	red	100	57.6	71
4520054	6	4.4 - 5.3	white	100	57.6	71
4520064	6	4.4 - 5.3	grey	100	57.6	71
4520164	6	4.4 - 5.3	ultra-marine blue	100	57.6	71
4520005	10	5.7 - 6.8	green/yellow	100	96	120
4520015	10	5.7 - 6.8	black	100	96	120
4520025	10	5.7 - 6.8	blue	100	96	120
4520145	10	5.7 - 6.8	dark blue	100	96	120

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**H07V-K**

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4520035	10	5.7 - 6.8	brown	100	96	120
4520095	10	5.7 - 6.8	orange	100	96	120
4520045	10	5.7 - 6.8	red	100	96	120
4520055	10	5.7 - 6.8	white	100	96	120
4520065	10	5.7 - 6.8	grey	100	96	120
4520006	16	6.7 - 8.1	green/yellow	153.6	187	
4520016	16	6.7 - 8.1	black	153.6	187	
4520026	16	6.7 - 8.1	blue	153.6	187	
4520146	16	6.7 - 8.1	dark blue	153.6	187	
4520036	16	6.7 - 8.1	brown	153.6	187	
4520126	16	6.7 - 8.1	green	153.6	187	
4520096	16	6.7 - 8.1	orange	153.6	187	
4520046	16	6.7 - 8.1	red	153.6	187	
4520056	16	6.7 - 8.1	white	153.6	187	
4520066	16	6.7 - 8.1	grey	153.6	187	
4521001	25	8.4 - 10.2	green/yellow	240	290	
4521011	25	8.4 - 10.2	black	240	290	
4521021	25	8.4 - 10.2	blue	240	290	
4521031	25	8.4 - 10.2	brown	240	290	
4521091	25	8.4 - 10.2	orange	240	290	
4521041	25	8.4 - 10.2	red	240	290	
4521002	35	9.7 - 11.7	green/yellow	336	399	
4521012	35	9.7 - 11.7	black	336	399	
4521022	35	9.7 - 11.7	blue	336	399	
4521032	35	9.7 - 11.7	brown	336	399	
4521042	35	9.7 - 11.7	red	336	399	
4521092	35	9.7 - 11.7	orange	336	399	
4521062	35	9.7 - 11.7	grey	336	399	
4521003	50	11.5 - 13.9	green/yellow	480	559	
4521013	50	11.5 - 13.9	black	480	559	
4521023	50	11.5 - 13.9	blue	480	559	
4521043	50	11.5 - 13.9	red	480	559	
4521004	70	13.2 - 16	green/yellow	672	776	
4521014	70	13.2 - 16	black	672	776	

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4521024	70	13.2 - 16	blue	672	776	
4521044	70	13.2 - 16	red	672	776	
4521005	95	15.1 - 18.2	green/yellow	912	1031	
4521015	95	15.1 - 18.2	black	912	1031	
4521025	95	15.1 - 18.2	blue	912	1031	
4521006	120	16.7 - 20.2	green/yellow	1152	1285	
4521016	120	16.7 - 20.2	black	1152	1285	
4521007	150	18.6 - 22.5	green/yellow	1440	1563	
4521017	150	18.6 - 22.5	black	1440	1563	
4521008	185	20.6 - 24.9	green/yellow	1776	1915	
4521018	185	20.6 - 24.9	black	1776	1915	
4521009	240	23.5 - 28.4	green/yellow	2304	2550	
4521019	240	23.5 - 28.4	black	2304	2550	
4520091	1.5	2.8 - 3.4	orange	100	14.4	22
4520092	2.5	3.4 - 4.1	orange	100	24	37
4520093	4	3.9 - 4.8	orange	100	38.4	45

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