

H07V2-K

Harmonised, flexible single conductor for protected, fixed installation

Ideally suited to meet the stricter thermal requirements of the new IEC-EN-(NBN NEN) 61439 standard

Info

Temperature range to 90°C



Benefits

Cables' <HAR>marking also stands for the international endorsement of national certification institutes' testing marks and certificates, e. g. <VDE><HAR>. The <HAR>marking is of special importance in case of goods traffic between European countries. Ideally suited to meet the stricter thermal requirements of the new IEC-EN-(NBN NEN) 61439 standard

Application range

Low-voltage switching and distribution equipment
Protected installation in and on lighting equipments
Protected installations in pipes and wiring shafts, as well as in installation and assembly
Factory wiring

Product features

Flame retardant in acc. to IEC 60332-1-2

Norm references / Approvals

EN 50525-2-31

Product Make-up

Fine-wired copper conductor of bare copper strands in line with conductor class 5 acc. IEC 60228
Core insulation: Fully coloured based on PVC, 90°C, TI3 quality

Technical Data

Classification ETIM 5:

ETIM 5.0 Class-ID: EC000993

ETIM 5.0 Class-Description: Single core cable

Conductor stranding:

Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5

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PN 0456 / 02_03.16

H07V2-K

Minimum bending radius:	4x outer diameter
Nominal voltage:	U0/U: 450/750 V
Test voltage:	2500 V
Temperature range:	-10°C to +90°C operating temperature Minimum installation temperature: 5°C

Note

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

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

Prices are net prices without VAT and surcharges. Sale to business customers only.

H07V2-K

Article number	Core colour	Conductor cross-section (mm ²)	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4519121	green	1.5	2.9	100	14.4	-
4519111	yellow	1.5	2.9	100	14.4	-
4519122	green	2.5	3.5	100	24	-
4519112	yellow	2.5	3.5	100	24	-
4519113	yellow	4.0	4.1	100	38.4	-
4519009	green/yellow	50	11.7	100	480	559
4519114	yellow	6.0	4.6	100	57.6	-
4519001	green/yellow	1.5	2.9	100	14.4	22
4519002	green/yellow	2.5	3.5	100	24	31
4519003	green/yellow	4	4.1	100	38.4	45
4519004	green/yellow	6	4.6	100	57.6	65
4519005	green/yellow	10	6	100	96	109
4519006	green/yellow	16	7	100	153.6	163
4519007	green/yellow	25	8.6	100	240	251
4519008	green/yellow	35	10	50	336	350
4519011	black	1.5	2.9	100	14.4	22
4519012	black	2.5	3.5	100	24	31
4519013	black	4	4.1	100	38.4	45
4519014	black	6	4.6	100	57.6	65
4519015	black	10	6	100	96	109
4519016	black	16	7	100	153.6	163
4519017	black	25	8.6	100	240	251
4519018	black	35	10	50	336	350
4519021	blue	1.5	2.9	100	14.4	22
4519022	blue	2.5	3.5	100	24	31
4519023	blue	4	4.1	100	38.4	45
4519024	blue	6	4.6	100	57.6	65
4519025	blue	10	6	100	96	109
4519026	blue	16	7	100	153.6	163
4519027	blue	25	8.6	100	240	251
4519028	blue	35	10	50	336	350
4519141	dark blue	1.5	2.9	100	14.4	22
4519142	dark blue	2.5	3.5	100	24	31
4519143	dark blue	4	4.1	100	38.4	45

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4519144	dark blue	6	4.6	100	57.6	65
4519145	dark blue	10	6	100	96	109
4519146	dark blue	16	7	100	153.6	163
4519031	brown	1.5	2.9	100	14.4	22
4519032	brown	2.5	3.5	100	24	31
4519033	brown	4	4.1	100	38.4	45
4519034	brown	6	4.6	100	57.6	65
4519035	brown	10	6	100	96	109
4519036	brown	16	7	100	153.6	163
4519071	violet	1.5	2.9	100	14.4	22
4519072	violet	2.5	3.5	100	24	31
4519091	orange	1.5	2.9	100	14.4	22
4519092	orange	2.5	3.5	100	24	31
4519093	orange	4	4.1	100	38.4	45
4519094	orange	6	4.6	100	57.6	65
4519095	orange	10	6	100	96	109
4519096	orange	16	7	100	153.6	163
4519041	red	1.5	2.9	100	14.4	22
4519042	red	2.5	3.5	100	24	31
4519043	red	4	4.1	100	38.4	45
4519044	red	6	4.6	100	57.6	65
4519045	red	10	6	100	96	109
4519046	red	16	7	100	153.6	163
4519047	red	25	8.6	100	240	251
4519048	red	35	10	50	336	350
4519051	white	1.5	2.9	100	14.4	22
4519052	white	2.5	3.5	100	24	31
4519053	white	4	4.1	100	38.4	45
4519054	white	6	4.6	100	57.6	65
4519061	grey	1.5	2.9	100	14.4	22
4519062	grey	2.5	3.5	100	24	31
4519063	grey	4	4.1	100	38.4	45
4519064	grey	6	4.6	100	57.6	65
4519065	grey	10	6	100	96	109

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Article number	Core colour	Conductor cross-section (mm ²)	Outer diameter [mm]	m/ring	Copper index (kg/km)	Weight (kg/km)
4519066	grey	16	7	100	153.6	163
4519081	pink	1.5	2.9	100	14.4	22

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