

## H05V-K

European cable type certification

H05V-K, HAR, power and control cable, PVC, 300/500V, wiring of devices and control cabinets, flame-retardant, class 5/fine wire, fixed installation, ring/spool



### Info

#### Application range

Internal wiring of devices  
Protected installation in and on lighting equipments  
Signal systems in and on plaster in tubes

#### 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

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

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**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.

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

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

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Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
4510001	0.5	2.1 - 2.5	green/yellow	100	4.8	9
4510011	0.5	2.1 - 2.5	black	100	4.8	9
4510021	0.5	2.1 - 2.5	blue	100	4.8	9
4510141	0.5	2.1 - 2.5	dark blue	100	4.8	9
4510031	0.5	2.1 - 2.5	brown	100	4.8	9
4510111	0.5	2.1 - 2.5	yellow	100	4.8	9
4510121	0.5	2.1 - 2.5	green	100	4.8	9
4510071	0.5	2.1 - 2.5	violet	100	4.8	9
4510081	0.5	2.1 - 2.5	pink	100	4.8	9
4510091	0.5	2.1 - 2.5	orange	100	4.8	9
4510041	0.5	2.1 - 2.5	red	100	4.8	9
4510051	0.5	2.1 - 2.5	white	100	4.8	9
4510061	0.5	2.1 - 2.5	grey	100	4.8	9
4510161	0.5	2.1 - 2.5	ultra-marine blue	100	4.8	9
4510921	0.5	2.1 - 2.5	Dark blue/white	100	4.8	9
4510002	0.75	2.2 - 2.7	green/yellow	100	7.2	12
4510012	0.75	2.2 - 2.7	black	100	7.2	12
4510022	0.75	2.2 - 2.7	blue	100	7.2	12
4510142	0.75	2.2 - 2.7	dark blue	100	7.2	12
4510032	0.75	2.2 - 2.7	brown	100	7.2	12
4510112	0.75	2.2 - 2.7	yellow	100	7.2	12
4510122	0.75	2.2 - 2.7	green	100	7.2	12
4510072	0.75	2.2 - 2.7	violet	100	7.2	12
4510082	0.75	2.2 - 2.7	pink	100	7.2	12
4510092	0.75	2.2 - 2.7	orange	100	7.2	12
4510042	0.75	2.2 - 2.7	red	100	7.2	12
4510052	0.75	2.2 - 2.7	white	100	7.2	12
4510062	0.75	2.2 - 2.7	grey	100	7.2	12
4510922	0.75	2.2 - 2.7	Dark blue/white	100	7.2	12
4510162	0.75	2.2 - 2.7	ultra-marine blue	100	7.2	12
4510003	1	2.4 - 2.8	green/yellow	100	9.6	15
4510013	1	2.4 - 2.8	black	100	9.6	15
4510023	1	2.4 - 2.8	blue	100	9.6	15
4510143	1	2.4 - 2.8	dark blue	100	9.6	15

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Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
4510033	1	2.4 - 2.8	brown	100	9.6	15
4510113	1	2.4 - 2.8	yellow	100	9.6	15
4510123	1	2.4 - 2.8	green	100	9.6	15
4510073	1	2.4 - 2.8	violet	100	9.6	15
4510083	1	2.4 - 2.8	pink	100	9.6	15
4510093	1	2.4 - 2.8	orange	100	9.6	15
4510043	1	2.4 - 2.8	red	100	9.6	15
4510053	1	2.4 - 2.8	white	100	9.6	15
4510063	1	2.4 - 2.8	grey	100	9.6	15
4510163	1	2.4 - 2.8	ultra-marine blue	100	9.6	15
4510923	1	2.4 - 2.8	Dark blue/white	100	9.6	15
4510001S	0.5	2.1 - 2.5	green/yellow	250	4.8	9
4510011S	0.5	2.1 - 2.5	black	250	4.8	9
4510021S	0.5	2.1 - 2.5	blue	250	4.8	9
4510141S	0.5	2.1 - 2.5	dark blue	250	4.8	9
4510031S	0.5	2.1 - 2.5	brown	250	4.8	9
4510111S	0.5	2.1 - 2.5	yellow	250	4.8	9
4510121S	0.5	2.1 - 2.5	green	250	4.8	9
4510071S	0.5	2.1 - 2.5	violet	250	4.8	9
4510091S	0.5	2.1 - 2.5	orange	250	4.8	9
4510041S	0.5	2.1 - 2.5	red	250	4.8	9
4510051S	0.5	2.1 - 2.5	white	250	4.8	9
4510061S	0.5	2.1 - 2.5	grey	250	4.8	9
4510002S	0.75	2.2 - 2.7	green/yellow	250	7.2	12
4510012S	0.75	2.2 - 2.7	black	250	7.2	12
4510022S	0.75	2.2 - 2.7	blue	250	7.2	12
4510142S	0.75	2.2 - 2.7	dark blue	250	7.2	12
4510032S	0.75	2.2 - 2.7	brown	250	7.2	12
4510112S	0.75	2.2 - 2.7	yellow	250	7.2	12
4510122S	0.75	2.2 - 2.7	green	250	7.2	12
4510072S	0.75	2.2 - 2.7	violet	250	7.2	12
4510082S	0.75	2.2 - 2.7	pink	250	7.2	12
4510092S	0.75	2.2 - 2.7	orange	250	7.2	12
4510102S	0.75	2.2 - 2.7	transparent	250	7.2	12

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Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter (mm)	Core colour	m/ring	Copper index (kg/km)	Weight (kg/km)
4510042S	0.75	2.2 - 2.7	red	250	7.2	12
4510052S	0.75	2.2 - 2.7	white	250	7.2	12
4510062S	0.75	2.2 - 2.7	grey	250	7.2	12
4510162S	0.75	2.2 - 2.7	ultra-marine blue	250	7.2	12
4510003S	1	2.4 - 2.8	green/yellow	250	9.6	15
4510013S	1	2.4 - 2.8	black	250	9.6	15
4510023S	1	2.4 - 2.8	blue	250	9.6	15
4510143S	1	2.4 - 2.8	dark blue	250	9.6	15
4510033S	1	2.4 - 2.8	brown	250	9.6	15
4510123S	1	2.4 - 2.8	green	250	9.6	15
4510073S	1	2.4 - 2.8	violet	250	9.6	15
4510093S	1	2.4 - 2.8	orange	250	9.6	15
4510103S	1	2.4 - 2.8	transparent	250	9.6	15
4510043S	1	2.4 - 2.8	red	250	9.6	15
4510053S	1	2.4 - 2.8	white	250	9.6	15
4510063S	1	2.4 - 2.8	grey	250	9.6	15
4510163S	1	2.4 - 2.8	ultra-marine blue	250	9.6	15

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