

300/500V & 450/750V, 70°C SINGLE CORE PVC FLEXIBLE WIRE H05V-K & H07V-K

transmission of reliability & brightness



APPLICATION

For indoor fixed installations in dry locations in electrical equipment, switchboards and distributors. Should be installed in surface mounted or embedded conduits, for protected fixed installations in or on lighting fittings. Suitable for installations in machines for nominal voltages up to 1.000 V alternating current or up to 750 V to earth direct current. Cannot be used for installations under the wall surface.

CONSTRUCTION

Fine copper strands acc. to BS 6360, IEC 60228, VDE 0295, class 5

PVC insulation

Insulation Colour: Brown, Blue, Green/Yellow, Grey, Black

TECHNICAL DATA

Rated voltage: H05V-K 300/500V & H07V-K 450/750

Test voltage: H05V-K 2000V & H07V-K 2500V

Temperature: 70°C

Min. Bending radius: 12.5 to 15 x Ø

Reference standard: DIN VDE 0281-3 HD 21.3 S3 and IEC 60227-3

No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)	No. of cores x Nominal Area (mm ²)	Outer diameter approx. (mm)	Cable Weight Approx. (kg/km)
H05VK			1x16	6.7-8.2	170
1x0.50	2.1-2.6	8	1x25	8.4-10.3	260
1x0.75	2.2-2.8	12	1x35	9.7-11.8	360
1x1.00	2.4-2.9	14	1x50	11.5-13.9	515
H07VK			1x70	13.2-16.1	710
1x1.5	2.8-3.5	20	1x95	15.1-18.3	940
1x2.5	3.4-4.2	32	1x120	16.7-20.3	1180
1x4	3.9-4.9	46	1x150	18.6-22.6	1481
1x6	4.4-5.4	65	1x185	25.0	2040
1x10	5.7-6.9	113	1x240	27.0	2620