

PVC-insulated conductor for internal wiring H05V-K, H07V-K

Single cores to VDE 0281: H05V-K to part 101; H07V-K to part 103.



Applications

PVC-insulated single cores are employed for the internal wiring of equipment and for the protected installation of conductors in lamps.

Delivery:

Standard: 100-m coils in cardboard box

Option: drums, non-returnable and returnable barrels, coils in film packaging

Design

- Stranded bare Cu conductor, fine wire
- Strand structure to VDE 0295 class 5 / IEC 60228 class 5
- Insulating jacket made of special PVC
- different colours

Desired colour to be specified in purchase order!

Electrical and technical specifications

H05V-K

Rated voltage: 300/500 V

Test voltage: 2000 V

H07V-K

Rated voltage: 450/750 V

Test voltage: 2500 V

Bending radius: 4 x cable diameter

Temperature range:

flexible + 5° C to +70° C
stationary -30° C to +70° C

Flame retardant to IEC 60332-1

Item No.	Cross-section mm ²	Cu content kg/km	Outer diameter approx. mm	Weight approx. kg/km
H05V-K				
5140050xx	0.5	4.8	2.2	9
5140075xx	0.75	7.2	2.3	11
5140100xx	1.0	9.6	2.5	14
H07V-K				
5140150xx	1.5	14.4	3.0	20
5140250xx	2.5	24.0	3.7	30
5140400xx	4.0	38.0	4.2	48
5140600xx	6.0	58.0	4.9	68
5141000xx	10.0	96.0	6.4	118
5141600xx	16.0	153.6	7.9	185
5142500xx	25.0	240.0	9.8	286
5143500xx	35.0	336.0	11.2	388
5145000xx	50.0	480.0	13.1	566
5147000xx	70.0	672.0	15.3	771
5149500xx	95.0	912.0	18.5	934
51499120x	120.0	1152.0	20.0	1250
51499150x	150.0	1440.0	22.0	1600
51499185x	185.0	1776.0	23.6	1980
51499240x	240.0	2304.0	27.7	2600