

Control and connection cables

H05V2-K/H05V-K PVC insulated wiring cable

H07V2-K/H07V-K PVC insulated single conductor



BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05V2-K H05V-K 0,5 mm² CE



marking example:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05V2-K H05V-K 0,5 mm² CE

Construction:

Conductor: tinned copper strands
acc. to IEC 60228, VDE 0295, class 5

Insulation: PVC, TI3
acc. to EN 50363-3 + VDE 0207-363-3

Colour: black (RAL 9005)

Outstanding features:

- » H05V2-K: 300/500 V
- » H07V2-K: 450/750 V
- » HAR standardized
- » flexible conductor
- » harmonised acc. to European standards

Technical data:

Nominal voltage: H05V2-K/H05V-K: Uo/U 300/500 V H07V2-K/H07V-K: Uo/U 450/750 V

Testing voltage
H05V2-K/H05V-K: 2000 V

Testing voltage
H07V2-K/H07V-K: 2500 V

Min. bending radius
fixed laying: 4 x d
flexible application: 6 x d

Temperature range
fixed laying: DIN VDE -40/+90 °C
flexible application: +5/+90 °C

Fire performance: flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2

Absence of harmful substances: acc. to RoHS directive of the European Union, see chapter N „Technical data“

H05V2-K/H05V-K - HAR/CE

item no.	nominal cross section mm²	largest single wire ø mm	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
31470150	0,50	0,21	2,2	4,8	9
31470175	0,75	0,21	2,4	7,2	11
31470180	1,00	0,21	2,5	9,6	14

Other dimensions and colours are possible on request.

H07V2-K/H07V-K - HAR/CE

item no.	nominal cross section mm²	largest single wire ø mm	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
31570182	1,50	0,26	3,0	14,4	20
31570184	2,50	0,26	3,6	24,0	30
31570186	4,00	0,31	4,2	38,4	45
31570187	6,00	0,31	4,7	57,6	64
31570188	10,00	0,41	6,3	96,0	116
31570189	16,00	0,41	7,7	153,6	168
31570190	25,00	0,41	9,5	240,0	259
31570191	35,00	0,41	10,9	336,0	360

Other dimensions and colours are possible on request.