

# 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 mm<sup>2</sup> CE



Marking for H05V2-K 31470150:

SAB BRÖCKSKES · D-VIERSEN · < VDE > < HAR > H05V2-K H05V-K 0,5 mm<sup>2</sup> CE

## Construction:

<b>Conductor:</b>	tinned copper strands acc. to IEC 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC, TI3 acc. to EN 50363-3 + VDE 0207-363-3
<b>Colour:</b>	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:

<b>Nominal voltage:</b>	<b>H05V2-K/H05V-K:</b> U <sub>0</sub> /U 300/500 V	<b>H07V2-K/H07V-K:</b> U <sub>0</sub> /U 450/750 V
<b>Testing voltage</b> <b>H05V2-K/H05V-K:</b>	2000 V	
<b>Testing voltage</b> <b>H07V2-K/H07V-K:</b>	2500 V	
<b>Min. bending radius</b> <i>fixed laying:</i>	4 x d	
<i>flexible application:</i>	6 x d	
<b>Temperature range</b> <i>fixed laying:</i>	DIN VDE -40/+90 °C	
<i>flexible application:</i>	+5/+90 °C	
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“	

### H05V2-K/H05V-K – HAR/CE

item no.	nominal cross section mm <sup>2</sup>	largest single wire ø mm	outer-ø approx. mm	copper figure kg/km	cable weight ≈ kg/km
31470150	0,50	0,21	2,15	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 mm <sup>2</sup>	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.