

# European Standardized Cables

**H05V2-K/H05V-K** Harmonized PVC hook-up wire, 300/500 V

**H07V2-K/H07V-K** Harmonized PVC hook-up wire, 450/750 V



SAB 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 · <1 VDE > <1 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, T13 acc. to EN 50363-3 + VDE 0207-363-3
<b>Color code:</b>	see color code chart below

## Outstanding features:

- flexing single conductor
- harmonized acc. to European standards

## Technical data:

<b>Nominal voltage:</b>	<b>H05V-K/ H05V2-K:</b> U <sub>0</sub> /U 300/500 V <b>H07V-K/ H07V2-K:</b> U <sub>0</sub> /U 450/750 V
<b>Testing voltage:</b>	<b>H05V-K/ H05V2-K:</b> 2000 V <b>H07V-K/ H07V2-K:</b> 2500 V
<b>Min. bending radius:</b>	<i>fixed installation:</i> 4 x O.D. <i>free movement:</i> 6 x O.D.
<b>Temperature range:</b>	<b>DIN VDE</b> <i>static:</i> -40/+90°C <i>flexible:</i> +5/+90°C
<b>Burning characteristics:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Approvals:</b>	<b>H05V2-K/H05V-K:</b> HAR, CE, RoHS <b>H07V2-K/H07V-K:</b> HAR, CE, RoHS
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page O/30

### 300/500V H05V2-K/H05V-K - HAR/CE

item no.	mm <sup>2</sup>	AWG	outer-ø		cable weight ≈lbs/mft
			inch	mm	
▶ 3147 .. 50	0.50	20 (≈ 16/32)	0.087	2.2	6
▶ 3147 .. 75	0.75	19 (≈ 23/32)	0.094	2.4	7
▶ 3147 .. 80	1.00	18 (≈ 30/32)	0.098	2.5	9

Other colors are available on request

#### Color code for single conductors:

01 = black	08 = white
02 = blue	09 = orange
03 = brown	11 = red
04 = gray	16 = dark blue
07 = violet	27 = green/yellow

### 450/750V H07V2-K/H07V-K - HAR/CE

item no.	mm <sup>2</sup>	AWG	outer-ø		cable weight ≈lbs/mft
			inch	mm	
▶ 3157 .. 82	1.50	16 (≈ 27/30)	0.118	3.0	13
▶ 3157 .. 84	2.50	14 (≈ 46/30)	0.142	3.6	20
▶ 3157 .. 86	4.00	12 (≈ 52/28)	0.165	4.2	30
▶ 3157 .. 87	6.00	10 (≈ 78/28)	0.185	4.7	43
▶ 3157 .. 88	10.00	8 (≈ 77/26)	0.248	6.3	78
▶ 3157 .. 89	16.00	6 (≈ 122/26)	0.303	7.7	113
▶ 3157 .. 90	25.00	4 (≈ 190/26)	0.374	9.5	174
▶ 3157 .. 91	35.00	2 (≈ 272/26)	0.429	10.9	242

Other colors are available on request