

## H05VVH6-F

ES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24G0,75 mm<sup>2</sup> CE



Marking for PVC Flat cable 02142407:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24G0,75 mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands acc. to IEC 60228, EN 60228, VDE 0295, class 5
<b>Insulation:</b>	PVC
<b>Colour code:</b>	black with white numbers and green-yellow earth wire
<b>Stranding:</b>	cores parallel side by side in groups
<b>Sheath material:</b>	PVC
<b>Sheath colour:</b>	black (RAL 9005)

### Outstanding features:

- smaller bending radius in contrast to round cables
- EAC approval

### Application:

- for example in elevators up to 35 m freely suspended or in fitted vehicles for cranes and hoisting systems with one level bending.

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 300/500 V
<b>Min. bending radius:</b>	10 x high
<b>Temperature range</b>	
<i>fixed laying:</i>	-40 °C/+70 °C
<i>flexible application:</i>	0 °C/+70 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2
<b>Oil resistance:</b>	acc. to internal standard, see page N/15
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

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item no.	no. of cores x cross section n x mm <sup>2</sup>	largest single wire ø mm	dimension width x height approx. mm	copper figure kg/km	cable weight ≈ kg/km
02140607	6 x 0,75	0,21	17,8 x 4,2	43,2	137
02140907	9 x 0,75	0,21	25,8 x 4,2	64,8	200
02141207	12 x 0,75	0,21	39,1 x 4,2	86,4	260
02141607	16 x 0,75	0,21	43,5 x 4,2	115,2	342
02141807	18 x 0,75	0,21	48,4 x 4,2	129,6	382
02142007	20 x 0,75	0,21	53,9 x 4,2	144,0	425
02142407	24 x 0,75	0,21	64,3 x 4,2	172,8	509
02140410	4 x 1,0	0,21	12,7 x 4,3	38,4	105
02140510	5 x 1,0	0,21	15,3 x 4,3	48,0	129
02140610	6 x 1,0	0,21	18,4 x 4,3	57,6	154
02140910	9 x 1,0	0,21	26,7 x 4,3	86,4	225
02141210	12 x 1,0	0,21	34,3 x 4,3	115,2	292
02141610	16 x 1,0	0,21	45,1 x 4,3	153,6	386
02141810	18 x 1,0	0,21	50,2 x 4,3	172,8	430
02142010	20 x 1,0	0,21	55,9 x 4,3	192,0	479
02142410	24 x 1,0	0,21	66,7 x 4,3	230,4	572

Other dimensions and colours are possible on request.