

H05VVH6-F

ES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24G0,75 mm² CE



Marking for PVC Flat cable 02142407:

SAB BRÖCKSKES · D-VIERSEN · <VDE> <HAR> H05VVH6-F 24G0,75 mm² CE

Construction:

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

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