

GAALFLEX® CONTROL H05V-K GAALFLEX® CONTROL H07V-K

PVC insulated single conductor 300/500 V and 450/750 V

HAR

ELETTROTEK KABEL® H05V-K

Construction:

Conductor: flexible red copper conductor Cl.5, acc.to IEC 60228, CEI-EN 60228, DIN VDE 0295, HD 383

Outer sheath: black (RAL 9005),PVC,type T11, for the other coloration,see technical data (PAG.480)

Resistance:



Flame retardant and Self-extinguishing acc. to:
IEC 60332-1-2
EN 60332-1-2
CEI 20-25
BS 6004

Technical data:

Nominal voltage

H05V-K: U₀/U 300/500 V

H07V-K: U₀/U 450/750 V

Test voltage

H05V-K: 2 kV

H07V-K: 2,5 kV

Temperature range: - 10 °C / + 70 °C

Min. bending radius

Fixed laying: D<8<=3D D<12<=3D D>12<=4D

Near terminal: D<8<=2D D<12<=3D D>12<=4D

Features:

flexible conductor

harmonized acc. to European standards

insulation material acc. to
CEI 20-107/2-31 EN 50525-2-31(HD 21.4 S3, HD 21.4 S3/A1)

tests on materials acc. to CEI 20-107/2-1
(EN 50525-1, HD 21.1. S4), CEI 20-84 (EN 50396 HD 21.2 S3),
CEI 20-34 (IEC 60811 HD 505)

<HAR> H05V-K, H07V-K

RoHS and CE approval



H05V-K

| Part no. | No.of cores x cross section n x mm ² | Outer-Ø ca.mm ± 10% | Copper weight kg/km | Cable weight approx. kg/km | AWG no.)* |
|----------------|---|---------------------------|---------------------------|----------------------------------|--------------|
| 31320D01010M05 | 0,5 | 2,3 | 4,8 | 10 | 20 |
| 31320D01010M07 | 0,75 | 2,4 | 7,2 | 12 | 19 |
| 31320D01010M10 | 1 | 2,6 | 9,6 | 15 | 18 |

H07V-K

| Part no. | No.of cores x cross section n x mm ² | Outer-Ø ca.mm ± 10% | Copper weight kg/km | Cable weight approx. kg/km | AWG no.)* |
|----------------|---|---------------------------|---------------------------|----------------------------------|--------------|
| 31320E01010M15 | 1x1,5 | 3,1 | 14,4 | 21 | 16 |
| 31320E01010M25 | 1x2,5 | 3,8 | 24 | 32 | 14 |
| 31320E01010M40 | 1x4 | 4,4 | 38,4 | 47 | 12 |
| 31320E01010M60 | 1x6 | 4,9 | 57,6 | 65 | 10 |
| 31320E01010M61 | 1x10 | 6,4 | 96 | 110 | 8 |
| 31320E01010M62 | 1x16 | 7,4 | 153,6 | 170 | 6 |
| 31320E01010M63 | 1x25 | 9,1 | 240 | 255 | 4 |
| 31320E01010M64 | 1x35 | 10,4 | 336 | 345 | 2 |
| 31320E01010M65 | 1x50 | 12,4 | 480 | 495 | 1 |
| 31320E01010M66 | 1x70 | 13,6 | 672 | 690 | 2/0 |
| 31320E01010M67 | 1x95 | 15,8 | 912 | 935 | 3/0 |
| 31320E01010M68 | 1x120 | 17,4 | 1152 | 1185 | 4/0 |
| 31320E01010M69 | 1x150 | 19,8 | 1440 | 1480 | 250 MCM |
| 31320E01010M70 | 1x185 | 21,6 | 1776 | 1920 | 350 MCM |
| 31320E01010M71 | 1x240 | 24,6 | 2304 | 2350 | 450 MCM |

Other dimensions and colours available on request.