

CONTROL AND CONNECTION CABLES

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.468)

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.