

# CONTROL AND CONNECTION CABLES

## GAALFLEX® CONTROL H05V2-K GAALFLEX® CONTROL H07V2-K

PVC insulated single conductor 300/500V, 450/750V and 600V for UL/CSA



ELETTROTEK KABEL® H05V2-K

### Construction:

**Conductor:** flexible tinned copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295

**Outer sheath:** black (RAL 9005), PVC type T13 for the other coloration, see technical data (PAG.462)

### Technical data:

**Nominal voltage:**

**DIN VDE:**

H052V-K: U<sub>0</sub>/U 300/500 V

H07V2-K: U<sub>0</sub>/U 450/750 V

**UL/CSA:** 600 V

**Test voltage:** 2,5 kV

**Temperature range**

**Fixed laying:** **DIN VDE:** -20°C up to +90°C

**UL/CSA:** up to +105°C

**Flexible application:** **DIN VDE:** -5° Cup to +90°C

**UL/CSA:** up to +105°C

**Min. bending radius:** 4 x d

### Resistance:



**Flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2  
UL1581 UL VW-1, CSA FT 1

### Features:

flexible conductor

harmonized acc. to European standards

<HAR> H052V-K, H07V2-K

AWM style 1015 105°C 600 V  
CSA type TEW 105°C 600 V FT1 CE

on request AWM style 1569 105°C 300 V  
CSA type TEW 105°C 300 V FT1 CE

on request AWM style 1007 80°C 300 V  
CSA type TEW 80°C 300 V FT1 CE

RoHS and CE approval



#### H05V2-K UL/CSA/CE

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
31330F01010A20	0,5	2,5	5,1	11	20
31330F01010A19	0,75	2,7	7,2	14	19
31330F01010A18	1	2,8	9,6	16	18

#### H07V2-K UL/CSA/CE

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
31330F01010A16	1,5	3,1	14,4	20	16
31330F01010A14	2,5	3,7	24	32	14
31330F01010A12	4	4,3	38,4	50	12
31330F01010A10	6	4,8	57,6	66	10
31330F01010A08	10	6,8	96	121	8
31330F01010A06	16	9,1	153,6	211	6
31330F01010A04	25	10,6	240	303	4
31330F01010A02	35	11,8	336	407	2

#### 07V2-K UL/CSA/CE

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
31330F01010A01	50	14,2	480	600	1
31330F01010A2C	70	16,2	672	790	2/0
31330F01010A3C	95	17,3	912	1067	3/0
31330F01010A4C	120	19,2	1152	1277	4/0

Other dimensions and colors available on request.