

CONTROL AND CONNECTION CABLES

GAALFLEX® CONTROL 600 SC

PVC control cable single conductor, IEC/DIN VDE 0,6/1 kV, UL/CSA 600V



ELETTROTEK KABEL® GAALFLEX® CONTROL 600 SC



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Construction:

- Conductor:** flexible red copper conductor Cl.5, acc.to IEC 60228, DIN VDE 0295
- Insulation:** PVC type TI2 class 43 acc. to UL 1581
- Colour core:** black or green-yellow
- Outer sheath:** black (RAL 9005), PVC type TM2, acc.to DIN VDE 0281 part 1 + HD 21, and class 43 acc. to UL 1581

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2,
UL VW-1, CSA FT1 FT2

Technical data:

- Nominal voltage:** **IEC/DIN VDE**
UoU 0,6/1 kV
UL/CSA
600V
- Test voltage:** 4 kV
- Temperature range** **DIN VDE** **UL/CSA**
Fixed laying: -40°C up to +70°C up to +90°C
Flexible installation: +5°C up to +70°C up to +90°C
- Min. bending radius**
Fixed laying: 4 x d
Flexible installation: 7,5 x d
- Radiation resistance** 8 x 106 cJ/kg

Features:

- small bending radius
- chemical resistant
- UV resistance
- UL recognized AWM Style 10107 90°C Oil 60°C 600 V, CSA AWM I/II A/B 90°C 600 V FT1 FT2 CE
- RoHS and CE approval



GREEN/YELLOW

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. *)
31140F7P011A10	1 G 6	8,1	58	125	10
31140F7P011A08	1 G 10	9,4	96	190	8
31140F7P011A06	1 G 16	10,5	154	260	6
31140F7P011A04	1 G 25	11,8	240	380	4
31140F7P011A02	1 G 35	13,4	336	500	2
31140F7P011A01	1 G 50	16	480	680	1
31140F7P011A2C	1 G 70	18,4	672	920	2/0
31140F7P011A3C	1 G 95	20	912	1210	3/0
31140F7P011A4C	1 G 120	22,7	1152	1560	4/0
31140F7P011A5C	1 G 150	25,5	1440	1760	250 MCM
31140F7P011A7C	1 G 185	29	1776	2330	350 MCM
31140F7P011A9C	1 G 240	31,7	2304	2970	450 MCM

BLACK

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. *)
31140F7L010A10	1 x 6	8,1	58	125	10
31140F7L010A08	1 x 10	9,4	96	190	8
31140F7L010A06	1 x 16	10,5	154	260	6
31140F7L010A04	1 x 25	11,8	240	380	4
31140F7L010A02	1 x 35	13,4	336	500	2
31140F7L010A01	1 x 50	16	480	680	1
31140F7L010A2C	1 x 70	18,4	672	920	2/0
31140F7L010A3C	1 x 95	20	912	1210	3/0
31140F7L010A4C	1 x 120	22,7	1152	1560	4/0
31140F7L010A5C	1 x 150	25,5	1440	1760	250 MCM
31140F7L010A7C	1 x 185	29	1776	2330	350 MCM
31140F7L010A9C	1 x 240	31,7	2304	2970	450 MCM

Other dimension and colours available on request.