

GAALFLEX CONTROL 1000 B

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca



ELETTROTEK KABEL® GAALFLEX CONTROL 1000 B, E_{ca}



Construction:

- Conductor:** flexible red copper conductor Cl.5, acc.to IEC 60228
- Insulation:** GAALTHERM 530
- Colour cores:** acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
- Outer sheath:** grey (RAL 7035),PVC,type Rz

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 60332-1-2 CEI 20-22II



Corrosiveness of conflagration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2 (equivalent DIN VDE 0472 part 813)

Technical data:

- Nominal voltage:** 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range:** - 15 °C / + 90 °C
- Max short circuit temperature**
- for sections up to 240 mm²:* + 250 °C
- for sections over 240 mm²:* + 220 °C
- Min. bending radius**
- Power cables:* 4 x d
- Control cables:* 6 x d
- Max. tensile stress:** 50 N/mm²

Features:

- according to IEC 60502-1
- EN 60332-1-2 CEI 20-22II comparable to IEC 60332-3-22
- according to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca classification (CEI UNEL 35016), EN 13501-6

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.®)
46050G8L010M15	1x1,5	6,5	14,4	48	16
46050G8L010M25	1x2,5	7	24	61	14
46050G8L010M40	1x4	7,6	38,4	77	12
46050G8L010M60	1x6	8,1	57,6	99	10
46050G8L010M61	1x10	8,9	96	145	8
46050G8L010M62	1x16	10	153,6	200	6
46050G8L010M63	1x25	11,6	240	293	4
46050G8L010M64	1x35	13	336	385	2
46050G8L010M65	1x50	15	480	536	1
46050G8L010M66	1x70	16,8	672	734	2/0
46050G8L010M67	1x95	18,8	912	945	3/0
46050G8L010M68	1x120	20,9	1152	1187	4/0
46050G8L010M69	1x150	23,2	1440	1478	250 MCM
46050G8L010M70	1x185	25,4	1776	1794	350 MCM
46050G8L010M71	1x240	28,4	2304	2324	450 MCM
46050G8L010M72	1x300	31,9	2880	3238	550 MCM
46050G8L010M73	1x400	36	3600	3833	750 MCM
46050G8L010M74	1x500	37,1	4540	4603	1000 MCM
46050G8L010M75	1x630	42,2	6048	6124	1250 MCM
46050G83020M15	2x1.5	11,2	28,8	130	16
46050G83020M25	2x2.5	12,2	48	163	14
46050G83020M40	2x4	13,4	76,8	214	12
46050G83020M60	2x6	14,5	115	272	10
46050G83020M61	2x10	16,3	192	399	8
46050G83020M62	2x16	18,4	307	562	6
46050G83020M63	2x25	21,7	480	804	4
46050G83020M64	2x35	24,3	672	1064	2
46050G83020M65	2x50	28	960	1479	1
46050G83020M66	2x70	32	1344	2166	2/0

INDUSTRIAL LOW VOLTAGE CABLES

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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.*)
46050G82031M15	3G1.5	11,7	43,2	147	16
46050G82031M25	3G2.5	12,7	72	192	14
46050G82031M40	3G4	14,1	115,2	257	12
46050G82031M60	3G6	15,3	172	328	10
46050G82031M61	3G10	17,6	288	493	8
46050G82031M62	3G16	19,9	461	662	6
46050G82031M63	3G25	23,6	720	1001	4
46050G82031M64	3G35	26,2	1008	1356	2
46050G82031M65	3G50	30,6	1440	1892	1
46050G82031M66	3G70	35	2016	2618	2/0
46050G82031M67	3G95	39,3	2736	3358	3/0
46050G82031M68	3G120	43,8	3456	4273	4/0
46050G82040M15	4x1.5	12,2	57,5	162	16
46050G82040M25	4x2.5	13,3	96	213	14
46050G82040M40	4x4	15,0	153,5	286	12
46050G82040M60	4x6	16,3	230	378	10
46050G82040M61	4x10	18,8	384	579	8
46050G82040M62	4x16	21,7	614,5	838	6
46050G82040M63	4x25	25,3	960	1227	4
46050G83035M64	3x35+1x25	28,3	1248	1593	2
46050G82035M64	3x35+1G25	28,3	1248	1593	2
46050G83035M65	3x50+1x25	31,6	1680	2118	1
46050G82035M65	3x50+1G25	31,6	1680	2118	1
46050G83035M66	3x70+1x35	36,6	2352	2946	2/0
46050G82035M66	3x70+1G35	36,6	2352	2946	2/0
46050G83035M67	3x95+1x50	41,6	3216	3861	3/0
46050G82035M67	3x95+1G50	41,6	3216	3861	3/0
46050G83035M68	3x120+1x70	46,9	4128	4908	4/0
46050G82035M68	3x120+1G70	46,9	4128	4908	4/0
46050G83035M69	3x150+1x95	52,3	5232	6332	250 MCM
46050G82035M69	3x150+1G95	52,3	5232	6332	250 MCM
46050G83035M70	3x185+1x95	57,1	6240	7527	350 MCM
46050G82035M70	3x185+1G95	57,1	6240	7527	350 MCM
46050G83035M71	3x240+1x150	65,6	8352	9929	450 MCM
46050G82035M71	3x240+1G150	65,6	8352	9929	450 MCM
46050G82041M15	4G1.5	13,4	57,6	200	16
46050G82041M25	4G2.5	14,6	96	260	14
46050G82041M40	4G4	16	153,6	330	12
46050G82041M60	4G6	17,5	230,4	430	10
46050G82041M61	4G10	19,8	384	640	8
46050G82041M62	4G16	22,4	614,4	900	6
46050G82041M63	4G25	26,8	960	1300	4
46050G82041M68	4G120	47,5	4608	5800	4/0
46050G82041M69	4G185	57,5	7104	8650	350 MCM
46050G82041M70	4G240	66,5	9216	11400	450 MCM
46050G82051M15	5G1,5	13,7	72	203	16
46050G82051M25	5G2,5	14,9	120	268	14
46050G82051M40	5G4	16,5	192	361	12
46050G82051M60	5G6	18,1	288	474	10
46050G82051M61	5G10	20,9	480	729	8
46050G82051M62	5G16	24,2	768	1068	6
46050G82051M63	5G25	28,5	1200	1579	4
46050G82051M64	5G35	32,2	1680	2091	2
46050G82051M65	5G50	37,6	2400	2981	1
46050G82051M66	5G70	42,5	3360	4450	2/0
46050G82051M67	5G95	48,5	4560	5700	3/0
46050G81070M15	7G1,5	14,7	100,8	246	16
46050G81070M25	7G2,5	15,9	168	321	14
46050G81100M15	10G1,5	17,5	144	334	16
46050G81100M25	10G2,5	19,6	240	433	14
46050G81120M15	12G1,5	18,2	172,8	372	16
46050G81120M25	12G2,5	20,2	288	486	14
46050G81160M15	16G1,5	20,3	230,4	492	16
46050G81160M25	16G2,5	22,2	384	668	14
46050G81190M15	19G1,5	21,3	291,8	553	16
46050G81190M25	19G2,5	23,9	456	785	14
46050G81240M15	24G1,5	24,4	345,6	666	16
46050G81240M25	24G2,5	27,5	576	911	14

Other dimensions and colours available on request.