

GAALFLEX® CONTROL 1000 BH

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



ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 BH, Eca



Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228
Insulation:	halogen-free compound
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
Inner sheath:	filler compound
Outer Sheath:	grey (RAL 7001) thermoplastic, halogen-free compound

Resistance:



Self-extinguishing and flame retardant acc. to:

DIN VDE 0482 part 265-2-1
EN 50266-2-4
IEC 60332-1-2 CEI 20-22 III
(equivalent IEC 60332-3-24)



Halogen-free acc. to

DIN VDE 0482, part 267
EN 50267-2-1
IEC 60754-1



Corrosiveness of conflagration gases acc. to:

DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2



Low smoke density acc. to:

DIN VDE 0482 part. 268-1-2
IEC 61034-1-2

Technical data:

Nominal voltage:	0,6/1 kV
Test voltage:	4 kV
Temperature range:	- 15 °C up to + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius	
<i>Fixed laying:</i>	4 x d
<i>Flexible application:</i>	6 x d
Max. tensile stress:	
<i>during installation:</i>	50 N/mm ²
<i>static stress:</i>	15 N/mm ²

Features:

CEI 20-13 / 20-22 III (EN 50266) / 20-35 (EN 60332-1)
20-37 (EN 50267) / UNEL TABLES 35382 - 35384

small bending radius

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

classification (CEI UNEL 35016), EN 13501-6

RoHS and CE approval



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.®)
31260G53020M15	2x1,5	11,3	28,8	142	16
31260G53020M25	2x2,5	12,3	48	179	14
31260G53020M40	2x4	13,5	76,8	229	12
31260G53020M60	2x6	14,6	115,2	293	10
31260G53020M61	2x10	16,6	192	418	8
31260G53020M62	2x16	18,7	307,2	582	6
31260G53020M63	2x25	22,1	480	821	4
31260G53020M64	2x35	24,6	672	1089	2
31260G53020M65	2x50	28,3	960	1526	1
31260G53020M66	2x70	32,4	1344	2108	2/0
31260G53020M67	2x95	36,3	1824	2739	3/0
31260G53020M68	2x120	40,5	2304	3426	4/0
31260G53020M69	2x150	44,9	2880	4046	250 MCM

CONTROL AND CONNECTION CABLES

GAALFLEX® CONTROL 1000 BH

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



ELETTROTEK KABEL® GAALFLEX® CONTROL 1000 BH, Eca



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. *)
31260G52031M15	3G1,5	11,8	43,2	161	16
31260G52031M25	3G2,5	12,9	72	208	14
31260G52031M40	3G4	14,2	115,2	268	12
31260G52031M60	3G6	15,4	172,8	348	10
31260G52031M61	3G10	17,8	288	514	8
31260G52031M62	3G16	19,8	460,8	716	6
31260G52031M63	3G25	23,4	720	1029	4
31260G52031M64	3G35	26	1008	1391	2
31260G52031M65	3G50	30,8	1440	1943	1
31260G52031M66	3G70	35,1	2016	2675	2/0
31260G52031M67	3G95	39,3	2736	3449	3/0
31260G52031M68	3G120	43,8	3456	4372	4/0
31260G52031M69	3G150	48,7	4320	5383	250 MCM
31260G52031M70	3G185	54,6	5328	6670	350 MCM
31260G52031M71	3G240	61,5	6912	8671	450 MCM
31260G52031M72	3G300	68	8640	10700	550 MCM
31260G52041M15	4G1,5	12,7	57,6	189	16
31260G52041M25	4G2,5	13,8	96	247	14
31260G52041M40	4G4	15,2	153,6	318	12
31260G52041M60	4G6	16,7	230,4	419	10
31260G52041M61	4G10	19,2	384	626	8
31260G52041M62	4G16	21,7	614,4	890	6
31260G52041M63	4G25	25,7	960	1280	4
31260G52041M64	4G35	28	1344	1713	2
31260G52041M65	4G50	35	1920	2472	1
31260G52041M66	4G70	42	2688	3426	2/0
31260G52041M67	4G95	43	3648	4526	3/0
31260G52041M68	4G120	50	4608	5730	4/0
31260G52041M69	4G150	54	5760	7447	250 MCM
31260G52041M70	4G185	65	7104	9350	350 MCM
31260G52041M71	4G240	72	9216	12277	450 MCM
31260G52035M64	3x35+25	28,2	1248	1613	2
31260G52035M65	3x50+25	31,7	1680	2172	1
31260G52035M66	3x70+35	36,6	2352	2992	2/0
31260G52035M67	3x95+50	41,7	3216	3924	3/0
31260G52035M68	3x120+70	46,3	4128	4873	4/0
31260G52035M69	3x150+95	52,3	5232	6370	250 MCM
31260G52035M70	3x185+95	57,1	6240	7640	350 MCM
31260G52035M71	3x240+150	65,5	8352	10093	450 MCM
31260G52035M72	3x300+150	70,8	10080	12075	550 MCM
31260G52051M15	5G1,5	13,6	72	219	16
31260G52051M25	5G2,5	14,9	120	294	14
31260G52051M40	5G4	16,6	192	385	12
31260G52051M60	5G6	18,2	288	510	10
31260G52051M61	5G10	20,9	480	765	8
31260G52051M62	5G16	23,8	768	1113	6
31260G52051M63	5G25	28,3	1200	1642	4
31260G52051M64	5G35	32,5	1680	2162	2
31260G52051M65	5G50	38,1	2400	3018	1
31260G52051M66	5G70	46,5	3360	4348	2/0
31260G52051M67	5G95	51	4560	5631	3/0
31260G51070M15	7G1,5	14,8	100,8	270	16
31260G51070M25	7G2,5	16,2	168	321	14
31260G51100M15	10G1,5	17,7	144	358	16
31260G51100M25	10G2,5	19,5	240	418	14
31260G51120M15	12G1,5	18,6	172,8	404	16
31260G51120M25	12G2,5	20,1	288	476	14
31260G51160M15	16G1,5	20,2	230,4	518	16
31260G51160M25	16G2,5	22,7	384	609	14
31260G51190M15	19G1,5	21	273,6	586	16
31260G51190M25	19G2,5	23,5	456	687	14
31260G51240M15	24G1,5	24,2	345,6	706	16
31260G51240M25	24G2,5	27,1	576	843	14
31260G51270M15	27G1,5	24	388,8	810	16
31260G51270M25	27G2,5	26,8	648	1119	14
31260G51300M15	30G1,5	24,8	432	874	16
31260G51300M25	30G2,5	27,6	720	1212	14

Other dimension and colours available on request.