

GAALFLEX® CONTROL 500 B

acc. to CPR UE 305/1 I, EN 50575:2014 + A1:2016, Eca

ELETTROTEK KABEL® GAALFLEX® CONTROL 500 B, Eca



Construction:

Conductor:	flexible red copper conductor Cl.5, acc. to IEC 60228, DIN VDE 0295
Insulation:	special PVC compound
Colour cores:	acc. to DIN VDE 0293-308, HD 308 S2, JB/OB color code green-yellow earth-wire from 3 cores
Stranding:	in layers
Outer sheath:	grey (RAL 7001) special PVC compound

Resistance:



Flame retardant and Self-extinguishing acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2



Oil resistance acc. to:
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1

Technical data:

Nominal voltage:	U ₀ /U 300/500 V
Test voltage:	4 kV
Temperature range	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible application:</i>	-15°C up to + 80°C
Min. bending radius	
<i>Fixed laying:</i>	4 x d
<i>Flexible application:</i>	15 x d

Features:

flexible
small bending radius
on request black outer sheath
acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, Eca
classification (CEI UNEL 35016), EN 13501-6
RoHS and CE approval



CONTROL AND CONNECTION 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. *)
31020D53020M05	2 x 0,5	4,6	9,6	33	20
31020D52031M05	3 G 0,5	4,8	14,4	40	20
31020D52041M05	4 G 0,5	5,2	19,2	47	20
31020D52051M05	5 G 0,5	5,9	24	61	20
31020D52071M05	7 G 0,5	6,4	33,6	74	20
31020D53020M07	2 x 0,75	5,3	14,4	46	19
31020D52031M07	3 G 0,75	5,4	21,6	52	19
31020D52041M07	4 G 0,75	5,9	28,8	64	19
31020D52051M07	5 G 0,75	6,4	36	78	19
31020D52071M07	7 G 0,75	7,1	50,4	100	19
31020D53020M10	2 x 1	5,2	19,2	48	18
31020D52031M10	3 G 1	5,8	28,8	63	18
31020D52041M10	4 G 1	6,2	38,4	75	18
31020D52051M10	5 G 1	6,7	48	92	18
31020D52071M10	7 G 1	7,6	67,2	120	18
31020D53020M15	2 G 1,5	5,9	28,8	64	16
31020D52031M15	3 G 1,5	6,2	43,2	79	16
31020D52041M15	4 G 1,5	7,2	57,6	103	16
31020D52051M15	5 G 1,5	7,6	72	121	16
31020D52071M15	7 G 1,5	8,5	100,8	160	16
31020D53020M25	2 x 2,5	8,4	48	121	14
31020D52031M25	3 G 2,5	9	72	151	14
31020D52041M25	4 G 2,5	10,1	96	190	14
31020D52051M25	5 G 2,5	11	120	232	14
31020D52071M25	7 G 2,5	12,2	168	297	14
31020D52031M40	3 G 4	10,3	115,2	213	12
31020D52041M40	4 G 4	11,4	153,6	267	12
31020D52051M40	5 G 4	12,4	192	327	12
31020D52031M60	3 G 6	12,1	172,8	303	10
31020D52041M60	4 G 6	13,4	230,4	381	10
31020D52051M60	5 G 6	14,9	288	466	10
31020D52071M60	7 G 6	16,4	403,2	613	10
31020D52031M61	3 G 10	15	288	492	8
31020D52041M61	4 G 10	16,9	384,2	627	8
31020D52051M61	5 G 10	18,7	480	783	8
31020D52041M62	4 G 16	20	614,4	935	6
31020D52041M63	4 G 25	24,2	960	1456	4
31020D52041M64	4 G 35	27,4	1344	1978	2
31020D52041M65	4 G 50	32,9	1920	3769	1

Other dimension and colours available on request.