

TRACK CABLES

FLEXIDRUM® T 210

High speed continuously flexible PUR halogen-free control cable,
DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 210
UL Style 21223 80°C 600/1000V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	black cores with consecutive numbers acc. to EN 50334, green-yellow from 3 cores
Stranding:	in layers
Wrapping:	non woven tape over each layer
Outer sheath:	grey (RAL 7000), PUR compound 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



Oil resistance:
very good TMPU acc.to DIN VDE 0282 part 10
DIN VDE 0473 part 811-2-1
IEC EN 60811-2-1



Halogen free acc. to:
DIN VDE 0482 part 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

Nominal voltage:	DIN VDE: U ₀ /U 0,6/1 kV UL/CSA: 600/1000 V
Test voltage:	3 kV acc. to DIN VDE 0281 part 2 + HD 21.2
Temperature range	DIN VDE:. UL/CSA:
<i>Fixed laying:</i>	-50°C up to +90°C up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C
Radiation resistance:	5 x 10 ⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	5 x d
Max speed (main application):	250 m/min

Features:

flexible at low temperatures
high abrasion resistance
mat surface outer sheath
good against acids,alkalines,solvents,hydraulic liquids etc

UL AWM Style 21223 80°C 600 1000 V
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for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue

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.*)
04110G40031A20	3 G 0,5	5,6	14,4	38	20
04110G40041A20	4 G 0,5	6,2	19,2	45	20
04110G40051A20	5 G 0,5	6,7	24	55	20
04110G40071A20	7 G 0,5	7,6	33,6	72	20
04110G40121A20	12 G 0,5	8,9	57,6	105	20
04110G40181A20	18 G 0,5	10,5	86,4	155	20
04110G40251A20	25 G 0,5	12,2	120	210	20
04110G40341A20	34 G 0,5	13,7	163,2	260	20
04110G40501A20	50 G 0,5	16,3	240	390	20
04110G40611A20	61 G 0,5	18,2	292,6	450	20
04110G41020A19	2x 0,75	5,8	14,6	41	19
04110G40031A19	3 G 0,75	6,5	21,6	55	19
04110G40041A19	4 G 0,75	6,6	28,8	60	19
04110G40051A19	5 G 0,75	7,2	36	75	19
04110G40071A19	7 G 0,75	8,6	50,4	100	19
04110G40121A19	12 G 0,75	10,3	86,4	150	19
04110G40181A19	18 G 0,75	11,8	129,6	220	19
04110G40251A19	25 G 0,75	14,2	180	290	19
04110G40341A19	34 G 0,75	15,8	244,8	380	19
04110G40501A19	50 G 0,75	18,7	360	540	19
04110G40611A19	61 G 0,75	20,8	439,2	650	19

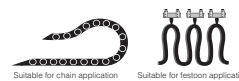
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UL Style 21223 80°C 600/1000V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



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. *)
04110G41020A18	2x1	6,7	19,2	50	18
04110G40031A18	3 G 1	6,9	28,8	60	18
04110G40041A18	4 G 1	7,1	38,4	75	18
04110G40051A18	5 G 1	7,7	48	90	18
04110G40071A18	7 G 1	9	67,2	125	18
04110G40121A18	12 G 1	11	115,2	185	18
04110G40181A18	18 G 1	13	172,8	270	18
04110G40251A18	25 G 1	15,7	240	370	18
04110G40341A18	34 G 1	17,4	326,4	490	18
04110G40501A18	50 G 1	20,5	480	695	18
04110G40611A18	61 G 1	22,9	586,6	870	18
04110G41020A16	2x1,5	7,3	28,8	50	16
04110G40031A16	3 G 1,5	7,4	43,2	80	16
04110G40041A16	4 G 1,5	7,9	57,6	100	16
04110G40051A16	5 G 1,5	8,6	72	120	16
04110G40071A16	7 G 1,5	10,1	100,8	170	16
04110G40121A16	12 G 1,5	12,4	172,8	260	16
04110G40181A16	18 G 1,5	14,5	259,2	375	16
04110G40251A16	25 G 1,5	18	360	510	16
04110G40341A16	34 G 1,5	19,9	489,6	690	16
04110G40501A16	50 G 1,5	23,4	720	975	16
04110G40611A16	61 G 1,5	26	878,4	1200	16
04110G41020A14	2x2,5	8,3	48	78	14
04110G40031A14	3 G 2,5	8,8	72	125	14
04110G40041A14	4 G 2,5	10,2	96	160	14
04110G40051A14	5 G 2,5	11,1	120	190	14
04110G40071A14	7 G 2,5	13,2	168	270	14
04110G40121A14	12 G 2,5	15,8	288	420	14
04110G40181A14	18 G 2,5	18,6	432	620	14
04110G40251A14	25 G 2,5	22,8	600	830	14
04110G40481A14	48 G 2,5	31,5	1152	1450	14
04110G40031A12	3 G 4	10,5	115,2	180	12
04110G40041A12	4 G 4	11,4	153,6	230	12
04110G40051A12	5 G 4	12,5	192	290	12
04110G40031A10	3 G 6	12,4	172,8	260	10
04110G40041A10	4 G 6	13,8	230,4	330	10
04110G40051A10	5 G 6	15,1	288	420	10
04110G40031A08	3 G 10	15,6	288	410	8
04110G40041A08	4 G 10	17,3	384	510	8
04110G40051A08	5 G 10	19,3	480	630	8
04110G40031A06	3 G 16	18,2	460,8	620	6
04110G40041A06	4 G 16	20,2	614,4	800	6
04110G40051A06	5 G 16	22,4	768	1000	6
04110G40041A04	4 G 25	25,2	960	1200	4
04110G40051A04	5 G 25	25,7	1200	1500	4
04110G40041A02	4 G 35	26,8	1344	1620	2
04110G40051A02	5 G 35	28,7	1680	2030	2
04110G40051A01	4 G 50	34	1920	2280	1

Other dimension and colours available on request.