FLEXIDRUM® T 210

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



SUITABLE FOR CHAIN APPLICATION

SUITABLE FOR FESTOON APPLICATION

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, (ACC. TO DIMENSION) 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:** Uo/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:**
FIXED LAYING:	-50°C UP TO +90°C	UP TO +80°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C	
RADIATION RESISTANCE:	5 x 10_7 CJ/KG	
MIN. BENDING RADIUS		
CONTINUOUSLY FLEXIBLE:	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

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

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE

ROHS AND CE APPROVAL

Part no.	No.of cores x cross section n x mm²	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	2 x 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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Part no.	No.of cores x cross section n x mm²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
04110G41020A18	2 x 1	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	2 x 1,5	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	2 x 2,5	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