

FLEXIDRUM® T 310

TPE/PUR motor connection cable 0,6/1 kV, UL/CSA 1000 V



ELETTROTEKKABEL® FLEXIDRUM® T 310
UL Style 21223 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FTI C



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 + FILLERS
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	ORANGE (RAL 2003), SPECIAL PUR COMPOUND

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2



OIL RESISTANCE:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
+ HD 22.10, ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1
EC 60811-2-1



HALOGEN FREE ACC. TO:
ACC. TO DIN VDE 0482, PART 267
EN 50267-2-1 /
IEC 60754-1
(EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV	UL/CSA: 1000 V
TEST VOLTAGE:	4 kV	
TEMPERATURE RANGE	DIN VDE	UL/CSA: UP TO +80°C
FIXED LAYING:	- 50°C UP TO + 90°C	
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C	
RADIATION RESISTANCE:	5 x 10 ⁷ CJ/KG	
MIN. BENDING RADIUS		
FIXED LAYING:	4 x D	
FLEXIBLE INSTALLATION:	6 x D	
CONTINUOUSLY FLEXIBLE:	10 x D	
MAX SPEED (MAIN APPLICATION):	250 m/min	

Features:

- AWM STYLE 21223 80°C 1000 V
CSA AWM I/II A/B 80°C 1000 V FTI CE
- VERY HIGH FLEXIBLE
- SUITABLE FOR CABLE TRACKS
- OIL RESISTANT
- VERY LONG SERVICE LIFE
- ADHESION-FREE INSTALLATION
- HALOGEN-FREE
- LABS UNCRITICAL
- FLEXIBLE AT LOW TEMPERATURES
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS,
HYDRAULIC LIQUIDS ETC.
- VERY GOOD WEATHER RESISTANT
- FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 4 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. (*)
04150HG0041A16	4 g 1,5	7,7	57,6	100	16
04150HG0041A14	4 g 2,5	9,3	96	149	14
04150HG0041A12	4 g 4	10,8	153,6	230	12
04150HG0041A10	4 g 6	12,9	230,4	334	10
04150HG0041A08	4 g 10	15,5	384	520	8
04150HG0041A06	4 g 16	18,8	614,4	806	6
04150HG0041A04	4 g 25	23,7	960	1245	4
04150HG0041A02	4 g 35	26,6	1344	1688	2
04150HG0041A01	4 g 50	31,8	1920	2381	1

Other dimension and colours available on request.