

FLEXIDRUM® T 100 UL

Continuously flexible single conductor, 0,6/1 kV, UL/CSA 1000 V



ELETTROTEK KABEL® FLEXIDRUM® T 100 UL
AWM style 10553 or 10848 AWM I/II A/B 80°C 1000V FT1



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, UL 758
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	BLACK (RAL 9005), 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
UL 1581 VW-1, CSA FT-1



OIL RESISTANCE ACC. TO:

TMPU ACC. TO DIN VDE 0473 PART 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



HALOGEN FREE ACC. TO:

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

Technical data:

NOMINAL VOLTAGE:	U ₀ /U 0,6/1 kV
UL/CSA:	1000 V
TEST VOLTAGE:	4 kV EN 50289-1-3
TEMPERATURE RANGE:	DIN VDE: -50°C UP TO +90°C 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:	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX PULLING FORCE:	
STATIC:	50 N/mm ²
DINAMIC:	20 N/mm ²
MAX SPEED (MAIN APPLICATION):	250 mt/min

Features:

HIGHLY FLEXIBLE SINGLE CONDUCTOR
FOR USE IN CABLE TRACKS

GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC

HIGH ABRASION RESISTANCE

UV RESISTANT

AWM STYLE 10553 AWM I/II A/B 80°C 1000V FT1
or AWM STYLE 10835 AWM I/II A/B 80°C 1000V FT1
or AWM STYLE 10848 AWM I/II A/B 80°C 1000V FT1

TEST VOLTAGE ACC. TO EN 50289-1-3

CONDUCTOR RESISTANCE AT 20°C ACC. TO EN 50289-1-2

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. *)
04030H7L010A16	1 x 1,5	5,7	14,4	42	16
04030H7L010A14	1 x 2,5	6,4	24	58	14
04030H7L010A12	1 x 4	7,3	38,4	81	12
04030H7L010A10	1 x 6	8,1	57,6	107	10
04030H7L010A08	1 x 10	9,9	96	168	8
04030H7L010A06	1 x 16	10,9	153,6	237	6
04030H7L010A04	1 x 25	12,8	240	349	4
04030H7L010A02	1 x 35	14,1	336	462	2
04030H7L010A01	1 x 50	16,2	480	642	1
04030H7L010A2C	1 x 70	18,2	672	865	2/0
04030H7L010A3C	1 x 95	20,8	912	1162	3/0
04030H7L010A4C	1 x 120	22,7	1.152	1436	4/0
04030H7L010A5C	1 x 150	24,2	1440	1754	250 MCM
04030H7L010A7C	1 x 185	26,7	1776	2145	350 MCM
04030H7L010A9C	1 x 240	29,9	2304	2751	450 MCM
04030H7L010ACC	1 x 300	32,5	2880	3373	600 MCM
04030H7L010AFC	1 x 400	35,9	3840	4415	750 MCM

Other dimension and colours available on request.