

GAALFLEX® TRAY 603

Special PVC oil resistant, continuously flexible tray cable, Machine-Tool cable, acc. to UL 1277 (TC-ER) and UL 1063 (MTW), 600 V



ELETTROTEK KABEL® GAALFLEX® TRAY 603

Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC TO IEC 60228, DIN VDE 0295 AND UL STANDARD 83 FROM 18 TO 16 AWG: CORES TYPE TFF FROM 14 AWG AND OVER: CORES TYPE THHW
INSULATION:	SPECIAL PVC TYPE QMTT2
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 7001), SPECIAL PVC OIL RESISTANT COMPOUND ACC. TO UL 1277 AND UL 1063

Resistance:



FIRE PERFORMANCE ACC. TO:
(UL FT4/IEEE, UL 1685)



OIL RESISTANCE ACC. TO:
TO UL OIL RES I

Technical data:

NOMINAL VOLTAGE:	600 V
TEST VOLTAGE:	4 KV
TEMPERATURE RANGE	
FIXED LAYING:	- 40°C UP TO +90°C
FLEXIBLE APPLICATION:	- 5°C UP TO +90°C
MIN. BENDING RADIUS:	
FIXED LAYING:	4 X D
FLEXIBLE INSTALLATION:	7,5 X D

Features:

AWM STYLE 10012/2587 90°C 600 V, CSA AWM I/II A/B

ACC. TO UL 1063 UL(MTW) AND UL 1277 (TC-ER)
OIL RESISTANT ACC. TO UL OIL RES I,
WATER RESISTANCE AND UL WET APPROVAL 75°C

ACC. TO UL 2277: FLEXIBLE MOTOR SUPPLY LEAD CABLE
AND WIND TURBINE TRAY CABLE

ACC. TO NFPA 79 2007 AND NEC 336.10(7)
CLASS 1 DIV. 2 ART 336, 392, 501

EXPOSED RUNS

CABLE FOR TRAY USE

OIL RESISTANCE

WATER RESISTANCE

UP TO 8 MILION BENDING/UNBENDING CYCLES

UP TO 12 MT TRAVEL DISTANCE

ROHS AND CE APPROVAL



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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. (*)
32250F51020A18	2 x 1	8,1	19,2	95	18
32250F50031A18	3 g 1	8,8	28,8	115	18
32250F50041A18	4 g 1	9,5	38,4	135	18
32250F50051A18	5 g 1	10,4	48	165	18
32250F50071A18	7 g 1	12,2	67,2	225	18
32250F50081A18	8 g 1	13,1	76,8	260	18
32250F50121A18	12 g 1	15,2	115,2	360	18
32250F50181A18	18 g 1	17,7	172,8	495	18
32250F50251A18	25 g 1	20,9	240	700	18
32250F51020A16	2 x 1,5	8,7	28,8	110	16
32250F50031A16	3 g 1,5	9,5	43,2	140	16
32250F50041A16	4 g 1,5	10,2	57,6	165	16
32250F50051A16	5 g 1,5	11,2	72	200	16
32250F50071A16	7 g 1,5	13,2	100,8	280	16
32250F50081A16	8 g 1,5	14,9	115,2	350	16
32250F50121A16	12 g 1,5	16,5	172,8	450	16
32250F50181A16	18 g 1,5	19,3	259,2	630	16
32250F50251A16	25 g 1,5	23,9	360	940	16
32250F51020A14	2 x 2,5	9,5	48	145	14
32250F50031A14	3 g 2,5	10,4	72	180	14
32250F50041A14	4 g 2,5	11,2	96	220	14
32250F50051A14	5 g 2,5	12,3	120	270	14
32250F50071A14	7 g 2,5	15,3	168	405	14
32250F50081A14	8 g 2,5	16,4	192	460	14
32250F50121A14	12 g 2,5	18,2	288	605	14
32250F50031A12	3 g 4	11,8	115,2	250	12
32250F50041A12	4 g 4	12,8	153,6	305	12
32250F50051A12	5 g 4	14,8	192	400	12
32250F50071A12	7 g 4	17,9	268,8	575	12
32250F50031A10	3 g 6	14	172,8	360	10
32250F50041A10	4 g 6	15,1	230,4	440	10
32250F50051A10	5 g 6	16,6	288	540	10
32250F50041A08	4 g 10	19,4	384	730	8
32250F50051A08	5 g 10	22,6	480	955	8
32250F50041A06	4 g 16	25	614,4	1190	6
32250F50051A06	5 g 16	27,7	768	1470	6
32250F50041A04	4 g 25	27,9	960	1620	4
32250F50041A02	4 g 35	32,4	1344	2230	2

Other dimension and colours available on request.