

FTGI8(O)MI6 0,6/1 kV

acc. to CPR UE 305/11, EN 50575:2014 + A1:2016, B2ca-s1a, d1, a1



ELETTROTEK KABEL® FTGI8OM16, B2ca-s1a, d1, a1

Construction:

Conductor:	flexible red copper conductor Cl.5, acc.to IEC 60228
Insulation:	mica tape + rubber type G18
Filler:	non-fibrous and non-higroscopic filler compound
Outer sheath:	blue (RAL 5015), halogen-free type M16

Technical data:

Nominal voltage:	Uo/U 0,6/1 kV
Test voltage:	4 kV
Temperature range	
<i>Fixed laying:</i>	- 25 °C up to + 90 °C
<i>Flexible application:</i>	0 °C up to + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	
<i>Control:</i>	14 x D
<i>Power:</i>	12 x D

Resistance:



Flame / Fire retardant and self-extinguishing acc.to:
DIN VDE 0482 part 265-2-1,
IEC EN 60332-1-2,
EN 50399



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



Corrosiveness of conflagration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2 (equivalent DIN VDE 0472 part 813)



Smoke density acc. to:
IEC 61034
EN 61034, CEI 20-38



Fire resistant acc. to:
EN 50200 PH/F 120 (CEI 20-36/4-0)
EN 50362 (CEI 20-36/5-0)

Features:

according to IEC 60502-1

IEC EN 60332-1-2, EN 50399

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classification (CEI UNEL 35016), EN 13501-6

CEI 20-45 V2

SECURITY CABLES

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ELETTROTEK KABEL® FTGI8OM16, B2ca-s1a, d1, a1

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.)*
49340GBL010M15	1x1,5	7,8	14,4	83	16
49340GBL010M25	1x2,5	8,3	24	97	14
49340GBL010M40	1x4	8,9	38,4	120	12
49340GBL010M60	1x6	9,3	57,6	141	10
49340GBL010M61	1x10	10,9	96	201	8
49340GBL010M62	1x16	11,8	153,6	268	6
49340GBL010M63	1x25	13,3	240	363	4
49340GBL010M64	1x35	14,5	336	460	2
49340GBL010M65	1x50	17	480	650	1
49340GBL010M66	1x70	19,4	672	870	2/0
49340GBL010M67	1x95	21,5	912	1110	3/0
49340GBL010M68	1x120	22,8	1152	1380	4/0
49340GBL010M69	1x150	25	1440	1680	250 MCM
49340GBL010M70	1x185	26,9	1776	2000	350 MCM
49340GBL010M71	1x240	31,8	2304	2580	450 MCM
49340GBL010M72	1x300	34	2880	3184	550 MCM
49340GB3020M15	2x1,5	12,7	28,8	186	16
49340GB3020M25	2x2,5	13,5	48	232	14
49340GB3020M40	2x4	14,9	76,8	287	12
49340GB3020M60	2x6	16,1	115,2	356	10
49340GB3020M61	2x10	18,4	192	421	8
49340GB3020M62	2x16	20	307,2	669	6
49340GB3020M63	2x25	23	480	959	4
49340GB3020M64	2x35	25	672	1240	2
49340GB2031M15	3g1,5	13,8	43,2	212	16
49340GB2031M25	3g2,5	14,3	72	250	14
49340GB2031M40	3g4	15,6	115,2	327	12
49340GB2031M60	3g6	17	172,8	431	10
49340GB2031M61	3g10	20	288	600	8
49340GB2031M62	3g16	21,8	460,8	812	6
49340GB2031M63	3g25	25,2	720	1215	4
49340GB2031M64	3g35	28,1	1008	1590	2
49340GB2041M15	4g1,5	14,2	57,6	250	16
49340GB2041M25	4g2,5	15,2	96	309	14
49340GB2041M40	4g4	16,8	153,6	387	12
49340GB2041M60	4g6	18,1	230,4	526	10
49340GB2041M61	4g10	21,4	384	744	8
49340GB2041M62	4g16	25,2	614,4	1042	6
49340GB2041M63	4g25	29,1	960	1486	4
49340GB2035M64	3x35+25	31,4	1248	1886	2
49340GB2051M15	5g1,5	15,5	72	304	16
49340GB2051M25	5g2,5	16,7	120	377	14
49340GB2051M40	5g4	18,2	192	480	12
49340GB2051M60	5g6	19,9	288	660	10
49340GB2051M61	5g10	24,1	480	954	8
49340GB2051M62	5g16	28,3	768	1304	6
49340GB2051M63	5g25	32,2	1200	1952	4
49340GB2051M64	5g35	36,4	1680	2577	2

Other dimensions and colours available on request.