

INDUSTRIAL LOW VOLTAGE CABLES

RE4(O)FMI (XLPE/LS0H/SWA/LS0H)



ELETTROTEK KABEL® RE4O FMI



Construction:

- Conductor:** stranded red copper conductor Cl. 2, acc to IEC 60228
- Insulation:** XLPE compound
- Colour cores:** acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
- Inner sheath:** thermoplastic halogen-free compound
- Armour:** galvanized steel wires (multi-core), aluminium wires (single-core)
- Outer sheath:** black (RAL 9005), halogen-free compound

Technical data:

- Nominal voltage:** Uo/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range:** -0 °C up to + 90 °C
- Max short circuit temperature:** + 250 °C
- Min. bending radius:**
- from 1,5 up to 16 sqmm: 6 x D
- from 25 sqmm and above: 8 x D

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 266-1
EN 50266-1
IEC 60332-1-2
IEC 60332-3-24



Halogen-free acc. to:
acc. to DIN VDE 0482 part 267
EN 50267-2-1 /
IEC 60754-1 (equivalent DIN VDE 0472 part 815)



Low smoke emission acc. to:
IEC 61034-1
EN 50268-1
DIN VDE 0482 part.268-1

Features:

- according to IEC 60502-1
- oil resistant
- UV resistant

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.*)
46300G7L010M65	1x50	17,5	480	710	1
46300G7L010M66	1x70	20,7	672	980	2/0
46300G7L010M67	1x95	22,5	912	1250	3/0
46300G7L010M68	1x120	24,3	1152	1520	4/0
46300G7L010M69	1x150	27,5	1440	1940	250 MCM
46300G7L010M70	1x185	30	1776	2350	350 MCM
46300G7L010M71	1x240	33	2304	2920	450 MCM
46300G7L010M72	1x300	35,7	2880	3550	550 MCM
46300G7L010M73	1x400	40,5	3840	4700	750 MCM
46300G7L010M74	1x500	44,3	4800	5750	1000 MCM
46300G7L010M75	1x630	49	6048	7150	1250 MCM
46300G73020M15	2x1,5	12,5	28,8	310	16
46300G73020M25	2x2,5	13,7	48	380	14
46300G73020M40	2x4	14,8	76,8	430	12
46300G73020M60	2x6	16	115,2	500	10
46300G73020M61	2x10	18,2	192	670	8
46300G73020M62	2x16	20	307,2	920	6
46300G73020M63	2x25	24,2	480	1080	4
46300G73020M64	2x35	28	672	1500	2
46300G73020M65	2x50	26	960	1820	1
46300G73020M66	2x70	29	1344	2320	2/0
46300G73020M67	2x95	33,3	1824	3180	3/0
46300G73020M68	2x120	36,2	2304	3810	4/0
46300G73020M69	2x150	39,5	2880	4520	150 MCM
46300G73020M70	2x185	44,8	3552	5820	250 MCM

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ELETTROTEK KABEL® RE4OFM1

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46300G72031M15	3G1,5	13	43,2	350	16
46300G72031M25	3G2,5	14,2	72	420	14
46300G72031M40	3G4	15,5	115,2	500	12
46300G72031M60	3G6	16,8	172,8	610	10
46300G72031M61	3G10	19,5	288	910	8
46300G72031M62	3G16	21,3	460,8	1100	6
46300G72031M63	3G25	26,8	720	1770	4
46300G72031M64	3G35	29,8	1008	2110	2
46300G72031M65	3G50	28,5	1440	2370	1
46300G72031M66	3G70	32,4	2016	3170	2/0
46300G72031M67	3G95	37,2	2736	4310	3/0
46300G72031M68	3G120	40,5	3456	5270	4/0
46300G72031M69	3G150	45,5	4320	6730	150 MCM
46300G72031M70	3G185	50	5328	8050	250 MCM
46300G72041M15	4G1,5	13,7	57,6	400	16
46300G72041M25	4G2,5	15,2	96	480	14
46300G72041M40	4G4	16,5	153,6	590	12
46300G72041M60	4G6	18,8	230,4	830	10
46300G72041M61	4G10	21,3	384	1100	8
46300G72041M62	4G16	23	614,4	1410	6
46300G72041M63	4G25	29	960	2120	4
46300G72041M64	4G35	32,1	1344	2600	2
46300G72041M65	4G50	32,3	1920	3020	1
46300G72041M66	4G70	38	2688	4320	2/0
46300G72041M67	4G95	42	3648	5530	3/0
46300G72041M68	4G120	47,3	4608	7170	4/0
46300G72041M69	4G150	51,5	5760	8510	150 MCM
46300G72041M70	4G185	56,8	7104	10320	250 MCM
46300G73050M15	5x1,5	14,3	72	440	16
46300G71070M15	7x1,5	15,2	100,8	520	16
46300G71100M15	10x1,5	20	144	820	16
46300G71120M15	12x1,5	19,5	172,8	860	16
46300G71190M15	19x1,5	23,5	273,6	1130	16
46300G71270M15	27x1,5	28	345,6	1650	16
46300G71070M25	7x2,5	17,3	168	620	14
46300G71100M25	10x2,5	21,5	240	820	14
46300G71120M25	12x2,5	22,5	288	1100	14
46300G71190M25	19x2,5	26,3	456	1600	14
46300G71270M25	27x2,5	30,5	576	2050	14

Other dimensions and colours available on request.