

INDUSTRIAL LOW VOLTAGE CABLES

RE4(O)MI (XLPE/LS0H)



ELETTROTEK KABEL® RE4OM1

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
- Outer sheath:** black (RAL 9005), thermoplastic polyolefine compound

Resistance:



Self-extinguishing and flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2
IEC 60332-3-24



Halogen-free 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

Technical data:

- Nominal voltage:** U₀/U 0,6/1 kV
- Test voltage:** 4 kV
- Temperature range**
- Fixed laying:* - 25 °C up to + 90 °C
- Flexible application:* - 5 °C up to + 90 °C
- Max short circuit temperature:** + 250 °C
- Min. bending radius:** 12 x d
- Max. tensile stress:** 50 N/mm²

Features:

according to IEC 60502-1

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. *)
46290G7L010M40	1x4	6,5	38	65	12
46290G7L010M60	1x6	7	58	85	10
46290G7L010M61	1x10	8	96	125	8
46290G7L010M62	1x16	9	154	190	6
46290G7L010M63	1x25	11	240	300	4
46290G7L010M64	1x35	12	336	375	2
46290G7L010M65	1x50	14	480	500	1
46290G7L010M66	1x70	15	672	700	2/0
46290G7L010M67	1x95	17	912	950	3/0
46290G7L010M68	1x120	19	1152	950	4/0
46290G7L010M69	1x150	21	1440	1400	250 MCM
46290G7L010M70	1x185	23	1776	1800	350 MCM
46290G7L010M71	1x240	26	2304	-	450 MCM
46290G7L010M72	1x300	28	2880	3000	550 MCM
46290G7L010M73	1x400	32	3840	-	750 MCM
46290G7L010M74	1x500	36	4800	-	1000 MCM
46290G73020M15	2x1,5	11,1	29	180	16
46290G73020M25	2x2,5	11,9	48	210	14
46290G73020M40	2x4	12,7	77	270	12
46290G73020M60	2x6	13,7	115	340	10

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46290G72031M15	3G1,5	11	43	135	16
46290G72031M25	3G2,5	11,5	72	175	14
46290G72031M40	3G4	12,5	115	225	12
46290G72031M60	3G6	13,5	173	300	10
46290G72031M61	3G10	15,5	288	430	8
46290G72031M62	3G16	18	461	650	6
46290G72031M63	3G25	22	720	950	4
46290G72031M64	3G35	24	1008	1250	2
46290G72031M65	3G50	27	1440	1700	1
46290G72031M66	3G70	31	2016	2450	2/0
46290G72031M67	3G95	35	2736	3300	3/0
46290G72031M68	3G120	39	3240	4100	4/0
46290G72031M69	3G150	43	4320	5050	150 MCM
46290G72031M70	3G185	48	5328	6250	250 MCM
46290G72031M71	3G240	54	6912	8150	500 MCM
46290G72031M72	3G300	60	8640	10200	600 MCM
46290G72031M73	3G400	67	11520	13000	750 MCM
46290G72035M62	3x16+1x10	19,5	556	750	8
46290G72035M63	3x25+1x16	23	873,6	1150	6
46290G72035M64	3x35+1x16	25	1161,6	1450	6
46290G72035M65	3x50+1x25	29	1680	2000	4
46290G72035M66	3x70+1x35	33	2016	2800	2
46290G72035M67	3x95+1x50	37	3408	3800	1
46290G72035M68	3x120+1x70	42	4128	4800	2/0
46290G72035M69	3x150+1x70	46	5232	5750	2/0
46290G72035M70	3x185+1x95	51	6240	7250	3/0
46290G72035M71	3x240+1x120	57	8352	9350	4/0
46290G72035M72	3x300+1x150	63	10080	11650	150 MCM
46290G72035M73	3x400+1x185	71	13296	14750	250 MCM
46290G72041M15	4G1,5	11,5	57,6	160	16
46290G72041M25	4G2,5	12,5	96	210	14
46290G72041M40	4G4	13,5	153,6	280	12
46290G72041M60	4G6	15	230,4	380	10
46290G72041M61	4G10	17	384	540	8
46290G72041M62	4G16	20	614,4	800	6
46290G72041M63	4G25	24	960	1250	4
46290G72041M64	4G35	26	1344	1650	2
46290G72041M65	4G50	30	1920	2250	1
46290G72041M66	4G70	35	2688	3150	2/0
46290G72041M67	4G95	39	3648	4200	3/0
46290G72041M68	4G120	44	4608	5300	4/0
46290G72041M69	4G150	48	5760	6500	150 MCM
46290G72041M70	4G185	53	7104	8100	250 MCM
46290G72041M71	4G240	60	9216	10500	500 MCM
46290G72041M72	4G300	66	11520	13100	600 MCM
46290G72041M73	4G400	75	15360	16750	750 MCM

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46290G71070M10	7x1	12,2	67	210	17
46290G71100M10	10x1	14,7	96	310	17
46290G71180M10	18x1	17,5	172	460	17
46290G73050M15	5x1,5	12,7	72	206	16
46290G71070M15	7x1,5	13,1	100,8	243	16
46290G71100M15	10x1,5	13,8	144	287	16
46290G71120M15	12x1,5	15,2	172,8	328	16
46290G71190M15	19x1,5	17,3	273,6	484	16
46290G71240M15	24x1,5	20,2	345,6	603	16
46290G71070M25	7x2,5	13,5	168	310	14
46290G71100M25	10x2,5	15,9	240	472	14
46290G71120M25	12x2,5	17,3	288	540	14
46290G71190M25	19x2,5	21,3	456	840	14
46290G71240M25	24x2,5	24,6	576	1050	14
46290G73050M60	5x 6	16,6	260	500	10
46290G73050M61	5x10	19	480	780	8
46290G73050M62	5x16	21,2	768	1040	6
46290G73050M63	5x25	26,1	1095	1600	4
46290G73050M64	5x35	29,3	1525	2110	2
46290G73050M67	5x95	43,8	4135	5360	3/0

Other dimensions and colours available on request.