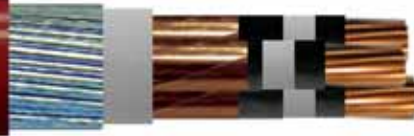


INDUSTRIAL MEDIUM VOLTAGE CABLES

RE4HI(O)RFR (XLPE/CTS/PVC/SWA/PVC)



ELETTROTEK KABEL® RE4HIORFR



Construction:

Conductor:	stranded red copper conductor Cl.2 acc.to IEC 60228
Insulation:	XLPE compound
Screen:	red copper tape
Inner sheath:	PVC compound
Armour:	steel wires
Outer sheath:	red (RAL 3000),PVC,type ST2

Resistance:



Flame retardant acc. to:
DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1

Technical data:

Nominal voltage:	3,6/6 kV, 6/10 kV 8,7/15 kV, 12/20 kV 18/30 kV
Test voltage:	3,6/6 kV = 11 kV 12/20 kV= 29 kV 6/10 kV = 17 kV 18/30 kV = 45 kV 8,7/15 kV = 24 kV
Temperature range:	0 °C / + 90 °C
Max short circuit temperature:	+ 250 °C
Min. bending radius:	14 x d

Features:

according to IEC 60502-2

3,6/6 kV

Part no.	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
48110MR1030M64	3x35	44	4210	2
48110MR1030M65	3x50	48	5300	1
48110MR1030M66	3x70	52	6330	2/0
48110MR1030M67	3x95	55,5	7590	3/0
48110MR1030M68	3x120	59	8710	4/0
48110MR1030M69	3x150	62,5	9920	250 MCM
48110MR1030M70	3x185	66	11450	350 MCM
48110MR1030M71	3x240	73	13620	450 MCM
48110MR1030M72	3x300	81	17400	550 MCM

6/10 kV

Part no.	No.of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
48110QR1030M64	3x35	49,5	5220	2
48110QR1030M65	3x50	52,3	5940	1
48110QR1030M66	3x70	56	6980	2/0
48110QR1030M67	3x95	60	8290	3/0
48110QR1030M68	3x120	63,5	9490	4/0
48110QR1030M69	3x150	67,3	10790	250 MCM
48110QR1030M70	3x185	70,5	11900	350 MCM
48110QR1030M71	3x240	78	15300	450 MCM

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8,7/15 kV

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
48110SR1030M64	3x35	52	3500	2
48110SR1030M65	3x50	54	4000	1
48110SR1030M66	3x70	58	4800	2/0
48110SR1030M67	3x95	62	5900	3/0
48110SR1030M68	3x120	66	6950	4/0
48110SR1030M69	3x150	70	8000	250 MCM
48110SR1030M70	3x185	74	9500	350 MCM

12/20 kV

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
48110UR1030M64	3x35	54	6790	2
48110UR1030M65	3x50	56,3	7570	1
48110UR1030M66	3x70	59,6	8720	2/0
48110UR1030M67	3x95	64	9790	3/0
48110UR1030M68	3x120	68	11830	4/0
48110UR1030M69	3x150	71,5	13170	250 MCM
48110UR1030M70	3x185	74,5	14900	350 MCM

18/30 kV

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no. *)
48110XR1030M65	3x50	75,6	10290	1
48110XR1030M66	3x70	79,5	11600	2/0

* For cables laying in earth a screen-cross section of 16 mm is permitted.

Other dimensions and colours available on request.