

Conductoare din aluminiu, conform CEI 61089-1991
All Aluminium Conductors, according to CEI 61089-1991

Tip conductor	Sectiunea calculata	Numar sarme	Diametru sarma	Diametru conductor	Masa conductor	Forta de rupere nominala	Rezistenta electrica la 20°C	Capacitatea de transport a curentului
Code	Cross Sectional Area mm ²	No. of wires	Wire diameter mm	Overall diameter mm	Linear Weight kg/km	Breaking Load N	Resistance at 20°C Ohm/km	Current carrying capacity A
10	10	7	1.35	4.05	27.4	1950	2.8633	108
16	16	7	1.71	5.12	43.8	3040	1.7896	146
25	25	7	2.13	6.40	68.4	4500	1.1453	194
40	40	7	2.70	8.09	109.4	6800	0.7158	262
63	63	7	3.39	10.20	172.3	10390	0.4545	351
100	100	19	2.59	12.90	274.8	17000	0.2877	472
125	125	19	2.89	14.50	343.6	21250	0.2302	546
160	160	19	3.27	16.40	439.8	26400	0.1798	640
200	200	19	3.66	18.30	549.7	32000	0.1439	738
250	250	19	4.09	20.50	687.1	40000	0.1151	854
315	315	37	3.29	23.00	867.9	51970	0.0916	990
400	400	37	3.71	26.00	1102.0	64000	0.0721	1158
450	450	37	3.94	27.50	1239.8	72000	0.0641	1249
500	500	37	4.15	29.00	1377.6	80000	0.0577	1337
560	560	37	4.39	30.70	1542.9	89600	0.0515	1440
630	630	61	3.63	32.60	1738.3	100800	0.0458	1555
710	710	61	3.85	34.60	1959.1	113600	0.0407	1680
800	800	61	4.09	36.80	2207.4	128000	0.0361	1818
900	900	61	4.33	39.00	2483.3	144000	0.0321	1962
1000	1000	61	4.57	41.10	2759.2	160000	0.0289	2101
1120	1120	91	3.96	43.50	3093.5	179200	0.0258	2263
1250	1250	91	4.18	46.00	3452.6	200000	0.0231	2433
1400	1400	91	4.43	48.70	3866.9	224000	0.0207	2616
1500	1500	91	4.58	50.40	4143.1	240000	0.0193	2738