

Conductoare din otel-aluminiu, conform CEI 61089-1991
ACSR, Aluminium Conductors Steel reinforced, according to CEI 61089-1991

Tip conductor	Sectiune			Otel		Aluminiu		Conductor		Forta de rupere nominala	Rezistenta electrica la 20 °C	Capacitatea de transport a curentului
	Aluminiu	Otel	Totala	Numar sarme	Diametru	Numar sarme	Diametru	Diametru	Masa			
Code	Cross sectional area			Steel		Aluminium		ACSR		Breaking Load	Resistance at 20 °C	Current carrying capacity
	AL.	ST.	ACSR	No. of wires	Diameter	No. of wires	Diameter	Diameter	Weight			
	mm ²	mm ²	mm ²		mm		mm	mm	kg			
16	16	2.67	18.7	1	1.84	6	1.84	5.53	64.6	6080	1.7934	149
25	25	4.17	29.2	1	2.30	6	2.30	6.91	100.9	9130	1.1478	198
40	40	6.67	46.7	1	2.91	6	2.91	8.74	161.5	14400	0.7174	267
63	63	10.50	73.5	1	3.66	6	3.66	11.00	254.4	21630	0.4555	358
100	100	16.70	117.0	1	4.61	6	4.61	13.80	403.8	34330	0.2869	482
125	125	6.94	132.0	1	2.97	18	2.97	14.90	397.9	29170	0.2304	550
125	125	20.40	145.0	7	1.92	26	2.47	15.70	503.9	45690	0.2310	557
160	160	8.89	169.0	1	3.36	18	3.36	16.80	509.3	36180	0.1800	644
160	160	26.10	186.0	7	2.18	26	2.80	17.70	644.9	57690	0.1805	653
200	200	11.10	211.0	1	3.76	18	3.76	18.80	636.7	44220	0.1440	744
200	200	32.60	233.0	7	2.43	26	3.13	19.80	806.2	70130	0.1444	754
250	250	24.60	275.0	7	2.11	22	3.80	21.60	880.6	68720	0.1154	866
250	250	40.70	291.0	7	2.72	26	3.50	22.20	1007.7	87670	0.1155	873
315	315	21.80	337.0	7	1.99	45	2.99	23.90	1039.6	79030	0.0917	1001
315	315	51.30	366.0	7	3.05	26	3.93	24.90	1269.7	106830	0.0917	1013
400	400	27.70	428.0	7	2.24	45	3.36	26.90	1320.1	98360	0.0722	1169
400	400	51.90	452.0	7	3.07	54	3.07	27.60	1510.3	123040	0.0723	1177
450	450	31.10	481.0	7	2.38	45	3.57	28.50	1485.2	107470	0.0642	1261
450	450	58.30	508.0	7	3.26	54	3.26	29.30	1699.1	138420	0.0643	1271
500	500	34.60	535.0	7	2.51	45	3.76	30.10	1650.2	119410	0.0578	1351
500	500	64.80	565.0	7	3.43	54	3.43	30.90	1887.9	153800	0.0578	1362
560	560	38.70	599.0	7	2.65	45	3.98	31.80	1848.2	133740	0.0516	1454
560	560	70.90	631.0	19	2.18	54	3.63	32.70	2103.4	172590	0.0516	1467
630	630	43.60	674.0	7	2.81	45	4.22	33.80	2079.2	150450	0.0459	1571
630	630	79.80	710.0	19	2.31	54	3.85	34.70	2366.3	191770	0.0459	1583
710	710	49.10	759.0	7	2.99	45	4.48	35.90	2343.2	169560	0.0407	1699
710	710	89.90	800.0	19	2.45	54	4.09	36.80	2666.8	216120	0.0407	1712
800	800	34.60	835.0	7	2.51	72	3.76	37.60	2480.2	167410	0.0361	1830
800	800	66.70	867.0	7	3.48	84	3.48	38.30	2732.7	205330	0.0362	1837
800	800	101.00	901.0	19	2.61	54	4.34	39.10	3004.9	243520	0.0362	1849
900	900	38.90	939.0	7	2.66	72	3.99	39.90	2790.2	188330	0.0321	1976
900	900	75.00	975.0	7	3.69	84	3.69	40.60	3074.2	226500	0.0322	1983
1000	1000	43.20	1043.0	7	2.80	72	4.21	42.10	3100.3	209260	0.0289	2117
1120	1120	47.30	1167.0	19	1.78	72	4.45	44.50	3464.9	234530	0.0258	2279
1120	1120	91.20	1211.0	19	2.47	84	4.12	45.30	3811.5	283170	0.0258	2292
1250	1250	102.00	1352.0	19	2.61	84	4.35	47.90	4253.9	316040	0.0232	2459
1250	1250	52.80	1303.0	19	1.88	72	4.70	47.00	3867.1	261750	0.0231	2450