

Conductoare din otel-aluminiu, conform DIN 48204-1984

ACSR, Aluminium Conductors Steel Reinforced, according to DIN 48204-1984

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			
16/2.5	15.27	2.54	17.8	1	1.80	6	1.80	5.4	62	5810	1.8793	105
25/4	23.86	3.98	27.8	1	2.25	6	2.25	6.8	97	9020	1.2028	140
35/6	34.35	5.73	40.1	1	2.70	6	2.70	8.1	140	12700	0.8353	170
44/32	43.98	31.67	75.7	7	2.40	14	2.00	11.2	373	45460	0.6573	-
50/8	48.25	8.04	56.3	1	3.20	6	3.20	9.6	196	17180	0.5946	210
50/30	51.17	29.85	81.0	7	2.33	12	2.33	11.7	378	44280	0.5644	-
70/12	69.89	11.40	81.3	7	1.44	26	1.85	11.7	284	26310	0.4130	290
95/15	94.39	15.33	109.7	7	1.67	26	2.15	13.6	383	35170	0.3058	350
95/55	96.51	56.30	152.8	7	3.20	12	3.20	16.0	714	80200	0.2992	-
105/75	105.67	75.55	181.2	19	2.25	14	3.10	17.5	899	106690	0.2736	-
120/20	121.57	19.85	141.4	7	1.90	26	2.44	15.5	494	44940	0.2374	410
120/70	122.15	71.25	193.4	7	3.60	12	3.60	18.0	904	98160	0.2364	-
125/30	127.92	29.85	157.8	7	2.33	30	2.33	16.3	590	57860	0.2259	425
150/25	148.86	24.25	173.1	7	2.10	26	2.70	17.1	604	54370	0.1939	470
170/40	171.77	40.08	211.9	7	2.70	30	2.70	18.9	794	77010	0.1682	520
185/30	183.78	29.85	213.6	7	2.33	26	3.00	19.0	744	66280	0.1571	535
210/35	209.10	34.09	243.2	7	2.49	26	3.20	20.3	848	74940	0.1380	590
210/50	212.06	49.48	261.5	7	3.00	30	3.00	21.0	979	92250	0.1363	610
230/30	230.91	29.85	260.8	7	2.33	24	3.50	21.0	874	73090	0.1249	630
240/40	243.05	39.49	282.5	7	2.68	26	3.45	21.8	985	86460	0.1188	645
265/35	263.66	34.09	297.8	7	2.49	24	3.74	22.4	998	82940	0.1094	680
300/50	304.26	49.48	353.7	7	3.00	26	3.86	24.5	1233	105090	0.0949	740
305/40	304.62	39.48	344.1	7	2.68	54	2.68	24.1	1155	99300	0.0949	740
340/30	339.29	29.85	369.1	7	2.33	48	3.00	25.0	1174	92560	0.0851	790
380/50	381.70	49.48	431.2	7	3.00	54	3.00	27.0	1448	120910	0.0757	840
385/35	386.04	34.09	420.1	7	2.49	48	3.20	26.7	1336	104310	0.0748	850
435/55	434.29	56.30	490.6	7	3.20	54	3.20	28.8	1647	136270	0.0666	900
450/40	448.71	39.49	488.2	7	2.68	48	3.45	28.7	1553	120190	0.0644	920
490/65	490.28	63.55	553.8	7	3.40	54	3.40	30.6	1860	152850	0.0590	960
495/35	494.36	34.09	528.4	7	2.49	45	3.74	29.9	1636	120310	0.0584	985
510/45	510.54	45.28	555.8	7	2.87	48	3.68	30.7	1770	134330	0.0566	995
550/70	549.65	71.25	620.9	7	3.60	54	3.60	32.4	2085	167420	0.0526	1020
560/50	561.70	49.48	611.2	7	3.00	48	3.86	32.2	1943	146280	0.0514	1040
570/40	571.16	39.49	610.7	7	2.68	45	4.02	32.2	1889	137980	0.0506	1050
650/45	653.49	45.28	698.8	7	2.87	45	4.30	34.4	2163	155520	0.0442	1120
680/85	678.58	85.95	764.5	19	2.40	54	4.00	36.0	2564	209990	0.0426	1150
1045/45	1045.58	45.28	1090.9	7	2.87	72	4.30	43.0	3249	217870	0.0277	1580