



Conductoare din otel-aluminiu, conform SF 35/1999

ACSR, Aluminium Conductors Steel reinforced, according to SF 35/1999

Tip conductor	Sectiune			Otel		Aluminiu		Conductor		Fora 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	5.40	61.7	5800	1.8793	145
25/4	23.86	3.98	27.8	1	2.25	6	2.25	6.75	96.4	8950	1.2028	192
35/6	34.35	5.73	40.1	1	2.70	6	2.70	8.10	138.8	12370	0.8353	243
50/8	48.25	8.04	56.3	1	3.20	6	3.20	9.60	195.0	16810	0.5946	302
70/11	68.05	11.34	79.4	1	3.80	6	3.80	11.40	275.0	23360	0.4217	376
70/12	66.16	11.56	77.7	7	1.45	26	1.80	11.55	272.6	25760	0.4364	371
95/15	90.05	14.97	105.0	7	1.65	26	2.10	13.35	365.6	33720	0.3206	451
127/7	127.2	7.07	134.3	1	3.00	18	3.00	15.00	405.4	29690	0.2264	556
120/21	122.6	20.91	143.5	7	1.95	26	2.45	15.65	501.8	45910	0.2356	551
95/55	96.51	56.30	152.8	7	3.20	12	3.20	16.00	706.4	77850	0.2992	492
150/25	148.8	24.25	173.1	7	2.10	26	2.70	17.10	600.5	53670	0.1940	623
185/32	183.8	31.67	215.4	7	2.40	26	3.00	19.20	754.9	67340	0.1571	717
160/95	163.3	97.03	260.4	19	2.55	52	2.00	20.75	1213.2	140840	0.1773	690
240/40	236.1	40.08	276.1	7	2.70	26	3.40	21.70	965.0	84640	0.1223	842
300/50	294.9	49.48	344.4	7	3.00	26	3.80	24.20	1200.9	103590	0.0979	973
300/69	305.3	68.98	374.3	19	2.15	30	3.60	25.15	1384.7	129560	0.0947	1000
450/75	445.3	75.55	520.9	19	2.25	63	3.00	29.25	1823.4	164090	0.0649	1264
450/97	449.1	97.03	546.2	19	2.55	68	2.90	30.15	2002.5	186970	0.0644	1281
680/85	678.6	85.95	764.5	19	2.40	54	4.00	36.00	2550.8	206560	0.0426	1662
973/228	973.9	227.83	1201.7	37	2.80	72	4.15	44.50	4481.3	415550	0.0297	2124

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