



ACSR - CONDUCTOARE DE OTEL –ALUMINIU

ACSR - ALUMINIUM-CONDUCTOR STEEL-REINFORCED CABLE

Standard de referinta: SR CEI 61089

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Domeniul de utilizare: Pentru transportul energiei electrice in linii electrice aeriene

Applications: Bare conductors used in overhead power lines

Tip conductor	Sectiune Al	Sectiune otel	Sectiune totala	Nr. sarme de OI	Diametru sarme de OI	Nr. sarme de Al	Diametru sarme de Al	Diametru conductor	Masa conductor negresat	Forta de rupere nominala	Rezistenta electrica la 20°C	Capac. de transport a curentului
Type conductor	Aluminum section	Steel section	Total section	Number of steel wire	Diameter of steel wire	Number of aluminium wire	Aluminum wire diameter	Diameter conductor	Ungreased conductor weight	Nominal breaking strength	Electrical resistance at 20°C	Current transport capacity
	[mm ²]	[mm ²]	[mm ²]	[mm]	[mm]		[mm]	[mm]	[kg/km]	[kN]	[Ω/km]	[A]
35/6	34.3	5.7	40	1	2.7	6	2.7	8.1	139	12.7	0.835	243
50/8	48.3	8.0	56.3	1	3.2	6	3.2	9.6	195	16.81	0.5948	302
70/11	68.05	11.34	79.39	1	3.8	6	3.8	11.4	275	23.36	0.4217	376
70/12	69.9	11.4	81.3	7	1.44	26	1.85	11.7	283	25.76	0.4132	371
95/15	90.05	14.49	105.02	7	1.65	26	2.1	13.35	365	33.72	0.3206	451
120/21	122.6	20.9	143.5	7	1.95	26	2.45	15.7	502	45.92	0.2356	556
150/25	148.8	24.25	173.1	7	2.1	26	2.6	17.1	600	53.67	0.1940	623
160/95	163.3	97.03	260.2	19	2.55	52	2.0	20.75	1213	140.83	0.1773	688
170/95	170.2	97.03	267.27	19	2.55	12	4.25	21.25	1231	137.85	0.1696	700
185/32	183.8	31.7	215.5	7	2.4	26	3.0	19.2	757	67.35	0.1571	717
240/40	236.0	40.1	276.1	7	2.7	26	3.4	21.7	967	84.65	0.1223	842
300/50	294.9	49.5	344.4	7	3.0	26	3.8	24.2	1200	103.59	0.0979	973
300/69	305.3	69.0	374.3	19	2.15	30	3.6	25.15	1384	129.56	0.0947	1000
450/75	445.1	75.5	520.6	19	2.25	63	3.0	29.25	1832	164.09	0.0649	1259
680/85	678.6	85.9	764.5	19	2.4	54	4.0	36.0	2550	206.56	0.0426	1662