

Conductor sizes



Technical data
January 2021

Conductor sizes

Size		AMP CU	AMP AL
Inches	AWG KC-MIL		
0.0403	18	-	-
0.0508	16	-	-
0.0641	14	15	-
0.0808	12	20	15
0.102	10	30	25
0.128	8	45	30
0.162	6	65	50
0.204	4	85	65
0.229	3	100	75
0.258	2	115	90
0.289	1	130	100
0.325	2/0	150	120
0.365	3/0	175	135
0.410	4/0	200	155
0.460	250	230	180
0.500	300	255	205
0.548	350	285	230
0.592	400	310	250
0.632	450	335	270
0.707	500	380	310
0.775	600	420	340
0.837	700	460	375
0.866	750	475	385
0.894	800	490	395
0.949	900	520	425
1.000	1000	545	445

Amperage is based on three wires in one gutter with a maximum elevation of 23°C (75°F).

