



# Cayce Mill Supply

## Allowable Ampacities of Insulated Conductors

Table 310.15(B)(16) Allowable Ampacities of Insulated Conductors Rated 0 through 2000 Volts 60° to 90° C (140° to 194°F) Not More Than Three Current-Carrying Conductors in Raceway, Cable or Earth (Directly Buried), Based on Ambient Temperature of 30°C (86°F)\*

SIZE	Temperature Rating of Conductor. See Table 310.104(A).					
	60°C (140°F)	75°C (167°F)	90°C (194°F)	60°C (140°F)	75°C (167°F)	90°C (194°F)
AWG kcmil	TYPES	TYPES	TYPES	TYPES	TYPES	TYPES
	TW UF	RHW THHW THW THWN XHHW USE, ZW	TBS, SA SIS, FEP FEPB, MI RHH, RHW-2 THHN THHW THW-2 THWN-2 USE-2, XHH XHHW XHHW-2 ZW-2	TW UF	RHW THHW THW THWN XHHW USE*	TBS, SA SIS RHH, RHW-2 THHN THHW THW-2 THWN-2 USE-2, XHH XHHW XHHW-2 ZW-2
	<b>COPPER</b>			<b>ALUMINUM OR COPPER-CLAD ALUMINUM</b>		
18**	----	----	14	----	----	----
16**	----	----	18	----	----	----
14**	15	20	25	----	----	----
12**	20	25	30	15	20	25
10**	30	35	40	25	30	35
8	40	50	55	35	40	45
6	55	65	75	40	50	55
4	70	85	95	55	65	75
3	85	100	115	65	75	85
2	95	115	130	75	90	100
1	110	130	145	85	100	115
1/0	125	150	170	100	120	135
2/0	145	175	195	115	135	150
3/0	165	200	225	130	155	175
4/0	195	230	260	150	180	205
250	215	255	290	170	205	230
300	240	285	320	195	230	260
350	260	310	350	210	250	280
400	280	335	380	225	270	305
500	320	380	430	260	310	350
600	350	420	475	285	340	385
700	385	460	520	315	375	425
750	400	475	535	320	385	435

\* Refer to 310.15(B)(2) for the ampacity correction factors where the ambient temperature is other than 30°C (86°F).

\*\* Refer to 240.4(D) for conductor overcurrent protection limitations.