CME wire and cable

A Viakable Company

Control Cables 2 up to 40C

Number of Conductors	Ampacity*							
	18 AWG	16 AWG	14 AWG		12 AWG		10 AWG	
	90 °C	90 °C	75 °C	90 °C	75 °C	90 °C	75 °C	90 °C
2 to 3	14.0	18.0	20.0	25.0	25.0	30.0	35.0	40.0
4 to 6	11.2	14.4	16.0	20.0	20.0	24.0	28.0	32.0
7 to 9	9.8	12.6	14.0	17.5	17.5	21.0	24.5	28.0
10 to 20	7.0	9.0	10.0	12.5	12.5	15.0	17.5	20.0
21 to 30	6.3	8.1	9.0	11.3	11.3	13.5	15.8	18.0
31 to 40	5.6	7.2	8.0	10.0	10.0	12.0	14.0	16.0

Multiconductors 2, 3 and 4C

Conductor Size AWG/kcmil	Copper	
	75 °C	90 °C
6	65	75
4	85	95
2	115	130
1	130	145
1/0	150	170
2/0	175	195
3/0	200	225
4/0	230	260
250	255	290
300	285	320
350	310	350
400	335	380
500	380	430
600	420	475
750	475	535
1000	545	615

NEC Table 310.15(B)(16) (formerly Table 310.16) Allowable Ampacities of Insulated Conductors Rated Up to and Including 2000 Volts, 60 °C Through 90 °C (140 °F Through 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).

Multiconductors 2, 3 and 4C

Conductor Size AWG/kcmil	Aluminum	
	75 °C	90 °C
6	50	55
4	65	75
3	75	85
2	90	100
1	100	115
1/0	120	135
2/0	135	150
3/0	155	175
4/0	180	205
250	205	230
300	230	260
350	250	280
400	270	305
500	310	350
600	340	385
700	375	425
750	385	435
800	395	445
900	425	480
1000	445	500

NEC Table 310.15(B)(16) (formerly Table 310.16) Allowable Ampacities of Insulated Conductors Rated Up to and Including 2000 Volts, 60 °C Through 90 °C (140 °F Through 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).

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