

Wire/Raceway Chart				
1. Load	2. Protection	3. Wire	4. Raceway	5. EGC
12	15A	14 AWG	1/2	14 AWG
16	20A	12 AWG	1/2	12 AWG
24	30A	10 AWG	3/4	10 AWG
32	40A	8 AWG	3/4	10 AWG
40	50A	6 AWG*	1	10 AWG
40	50A	8 AWG	3/4	10 AWG
48	60A	4 AWG*	1 1/4	10 AWG
48	60A	6 AWG	1	10 AWG
56	70A	4 AWG	1 1/4	8 AWG
64	80A	3 AWG*	1 1/4	8 AWG
64	80A	4 AWG	1 1/4	8 AWG
72	90A	2 AWG*	1 1/2	8 AWG
72	90A	3 AWG	1 1/4	8 AWG
80	100A	1 AWG*	2	8 AWG
80	100A	3 AWG	1 1/4	8 AWG
88	110A	2 AWG	1 1/2	6 AWG
100	125A	1 AWG	2	6 AWG
120	150A	1/0 AWG	2	6 AWG
140	175A	2/0 AWG	2	6 AWG
160	200A	3/0 AWG	2 1/2	6 AWG
180	225A	4/0 AWG	2 1/2	4 AWG
200	250A	250 kcmil	3	4 AWG
240	300A	350 kcmil	3	4 AWG
280	350A	500 kcmil	3 1/2	4 AWG
304	400A	500 kcmil	3 1/2	3 AWG
* Conductor size for 60°C terminals [110.14(C)(1)(a)]				
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Notes				
1	Protection sized to 210.19(A)(1)(a), 215.2(A)(1)(a), 240.4 and 240.6(A).			
2	Continuous load limited to 80% of OCPD [210.20(A) and 215.3].			
3	Conductors size to terminal temperature rating, 110.14(C)(1).			
4	Raceway sized for five full-size conductors at no more than 35% fill.			
6	Equipment grounding conductor sized in accordance with 250.122.			