

300 Volts Max Solid or Stranded Wire Sizes 22-10 AWG Circular Mil Area Range 3,248 to 13,100								
WIRE SIZE (AWG)	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		SIZE 22	SIZE 20	SIZE 18	SIZE 16	SIZE 14	SIZE 12	SIZE 10
22	1	4-14	3-8	2-7	1-4	1-2	1	1
	2	3-13	2-7	1-6	1-3	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-5	1-4	1-3	1-2	1	—
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-5	1-4	1-2	1-2	1	—
	7	1-8	1-4	1-3	1-2	1	1	—
	8	1-7	1-4	1-3	1-2	1	1	—
	9	1-6	1-3	1-2	1-2	1	1	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1-2	1-2	1	1	—	—
	13	1-2	1	1	—	—	—	—
	14	1	1	1	—	—	—	—
	15	—	—	—	—	—	—	—
20	1	3-11	2-7	2-6	1-4	1-2	1	1
	2	2-10	1-6	1-4	1-3	1-2	1	—
	3	1-9	1-5	1-4	1-3	1-2	1	—
	4	1-8	1-4	1-3	1-3	1-2	1	—
	5	1-6	1-3	1-3	1-2	1	1	—
	6	1-3	1-2	1-2	1	1	1	—
	7	1-2	1	1	1	—	—	—
18	1	2-12	2-7	1-7	1-3	1-2	1	1
	2	1-10	1-6	1-6	1-3	1-2	1	—
	3	1-8	1-5	1-5	1-3	1-2	1	—
	4	1-6	1-3	1-4	1-2	1	1	—
	5	1-3	1	1-3	1	1	—	—
	6	1-2	1	1-2	1	—	—	—
16	1	1-11	1-9	1-6	1-4	1-2	1	1●
	2	1-8	1-6	1-4	1-3	1	1	—
	3	1-6	1-4	1-3	1-2	1	—	—
	4	1-3	1	1	1	—	—	—

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WIRE SIZE (AWG)	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		SIZE 22	SIZE 20	SIZE 18	SIZE 16	SIZE 14	SIZE 12	SIZE 10
14	1	1-10	1-7	1-5	1-3	1-2	1	—
	2	1-6	1-3	1-3	1	—	—	—
12	1	1-9	1-6	1-4	1-2	1	1●	—
10	1	1-3	1-2	1	1●	—	—	—

600 Volts Max Building Wiring 1000 Volts Max Fixture and Signs Solid or Stranded Wire Sizes 22-16 AWG Circular Mil Area Range 3,248 to 11,400					
WIRE SIZE (AWG)	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE			
		SIZE 22	SIZE 20	SIZE 18	SIZE 16
22	1	4-12	3-11	2-7	1-4
	2	3-11	2-10	1-6	1-3
	3	2-10	1-9	1-6	1-3
	4	1-9	1-7	1-5	1-3
	5	1-8	1-6	1-5	1-3
	6	1-7	1-5	1-5	1-2
	7	1-6	1-5	1-4	1-2
	8	1-5	1-3	1-3	1-2
	9	1-4	1-3	1-3	1-2
	10	1-3	1-2	1-2	1
	11	1-2	—	—	—
	12	1	—	—	—
	13	—	—	—	—
20	1	3-11	3-10	2-7	1-4
	2	2-10	2-9	1-6	1-3
	3	1-9	1-8	1-6	1-3
	4	1-8	1-7	1-4	1-3
	5	1-6	1-6	1-4	1-2
	6	1-3	1-5	1-3	1-2
	7	1-2	1-4	1-3	1
18	1	3-12	2-9	1-6	1-3
	2	1-10	1-7	1-5	1-3
	3	1-9	1-6	1-4	1-2
16	1	1-11	1-8	1-6	1-3
	2	1-9	1-5	1-3	1-2

● Partially closing hand tool to "oval" splice permits use of solid wires in these combinations. 2 of 2
INSTRUCTIONS: Minimum loading is five wires size 22 AWG.

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	2	3-13	2-7	1-6	1-3	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-5	1-4	1-3	1-2	1	—
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-5	1-4	1-2	1-2	1	—
	7	1-8	1-4	1-3	1-2	1	1	—
	8	1-7	1-4	1-3	1-2	1	1	—
	9	1-6	1-3	1-2	1-2	1	1	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1-2	1-2	1	1	—	—
	13	1-2	1	1	—	—	—	—
	14	1	1	1	—	—	—	—
	15	—	—	—	—	—	—	—
20	1	3-11	2-7	2-6	1-4	1-2	1	1
	2	2-10	1-6	1-4	1-3	1-2	1	—
	3	1-9	1-5	1-4	1-3	1-2	1	—
	4	1-8	1-4	1-3	1-3	1-2	1	—
	5	1-6	1-3	1-3	1-2	1	1	—
	6	1-3	1-2	1-2	1	1	1	—
	7	1-2	1	1	1	—	—	—
18	1	2-12	2-7	1-7	1-3	1-2	1	1
	2	1-10	1-6	1-6	1-3	1-2	1	—
	3	1-8	1-5	1-5	1-3	1-2	1	—
	4	1-6	1-3	1-4	1-2	1	1	—
	5	1-3	1	1-3	1	1	—	—
	6	1-2	1	1-2	1	—	—	—
16	1	1-11	1-9	1-6	1-4	1-2	1	1●
	2	1-8	1-6	1-4	1-3	1	1	—
	3	1-6	1-4	1-3	1-2	1	—	—
	4	1-3	1	1	1	—	—	—

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	2	1-6	1-3	1-3	1	—	—	—
12	1	1-9	1-6	1-4	1-2	1	1●	—
10	1	1-3	1-2	1	1●	—	—	—

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	2	3-11	2-10	1-6	1-3
	3	2-10	1-9	1-6	1-3
	4	1-9	1-7	1-5	1-3
	5	1-8	1-6	1-5	1-3
	6	1-7	1-5	1-5	1-2
	7	1-6	1-5	1-4	1-2
	8	1-5	1-3	1-3	1-2
	9	1-4	1-3	1-3	1-2
	10	1-3	1-2	1-2	1
	11	1-2	—	—	—
	12	1	—	—	—
	13	—	—	—	—
20	1	3-11	3-10	2-7	1-4
	2	2-10	2-9	1-6	1-3
	3	1-9	1-8	1-6	1-3
	4	1-8	1-7	1-4	1-3
	5	1-6	1-6	1-4	1-2
	6	1-3	1-5	1-3	1-2
	7	1-2	1-4	1-3	1
18	1	3-12	2-9	1-6	1-3
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