

TO BE SOLD ONLY WITH INSTALLATION INSTRUCTIONS

**Closed End Splice Pressure Type Wire Connectors
Type ECV Wire Combinations**
Catalog No. 321519 — Circular Mil Range 3,248 to 13,100
Use “18-10 ECV-ECN or 16-10 C” Tooling
Strip Length — 14.29 mm [.563 in.] Min
15.88 mm [.625 in.] Max



105°C [222°F]
Max

UL Listed and CSA Certified Wire Combinations
Solid or Stranded Wire Sizes 22-10 AWG

600 Volts Max Building Wiring 1000 Volts Max Fixture or Sign



90°C [194°F]
Max

WIRE SIZE (AWG)	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		22	20	18	16	14	12	10
22	1	4-14	3-8	2-7	1-4	1-3	1	1
	2	3-13	2-7	1-6	1-4	1-2	1	1
	3	2-12	1-6	1-5	1-3	1-2	1	1
	4	1-11	1-6	1-5	1-3	1-2	1	—
	5	1-10	1-5	1-4	1-3	1-2	1	—
	6	1-9	1-4	1-4	1-3	1-2	1	—
	7	1-8	1-4	1-4	1-2	1-2	1	—
	8	1-7	1-4	1-3	1-2	1	—	—
	9	1-6	1-4	1-3	1-2	1	—	—
	10	1-5	1-3	1-2	1	1	—	—
	11	1-4	1-2	1-2	1	1	—	—
	12	1-3	1	1	1	1	—	—
	13	1-2	1	1	1	—	—	—
	14	1	1	1	1	—	—	—
20	1	4-14	3-7	2-7	1-4	1-2	1	1
	2	2-11	1-6	1-6	1-4	1-2	1	1
	3	1-10	1-5	1-4	1-3	1-2	1	—
	4	1-9	1-4	1-3	1-2	1-2	1	—
	5	1-7	1-3	1-3	1-2	1	1	—
	6	1-4	1-2	1-3	1	1	1	—
	7	1-2	1	1	1	1	—	—
18	1	2-14	1-7	1-6	1-4	1-2	1	1
	2	1-11	1-7	1-5	1-3	1-2	1	—
	3	1-9	1-6	1-4	1-3	1-2	1	—
	4	1-7	1-3	1-3	1-2	1	1	—
	5	1-4	1-2	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
16	1	1-14	1-7	1-6	1-4	1-2	1	1
	2	1-9	1-5	1-4	1-3	1	1	—
	3	1-6	1-3	1-3	1-2	1	—	—
	4	1-2	1-2	1	1	—	—	—
14	1	1-12	1-7	1-5	1-3	1-2†	1	—
	2	1-7	1-4	1-3	1	1†	—	—
12	1	1-7	1-6	1-4	1-2	1	1●	—
10	1	1-3	1-2	1	1	—	—	—

† Stranded wire only.

- Partially closing hand tool to “oval” splice permits use of solid wires in this combination.

INSTRUCTIONS: Use as shown for OEM applications. For all field applications, twist wires together before crimping. Minimum loading is five wires size 22 AWG.

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