

TO BE SOLD
ONLY WITH
INSTALLATION
INSTRUCTIONS

**Closed End Splice Pressure Type Wire Connectors
Type ECV Wire Combinations**
Catalog No. 53891-1
Circular Mil Range 19,500 to 42,700 — Use “18-6 ECV” Tooling
Strip Length — 18.26 mm [.719 in.] Min
19.84 mm [.781 in.] Max

 105°C [222°F]
Max

**UL Listed Wire Combinations Solid or Stranded Wire Sizes 18-6 AWG
600 Volts Max Building Wiring 1000 Volts Max Fixture or Sign**

WIRE SIZE (AWG)	NO. OF WIRES	NO. OF ADDITIONAL WIRES OF ONE WIRE SIZE						
		18	16	14	12	10	8	6
18	1	12-15	7-13	5-7	3-5	2-3	2	1
	2	11-14	7-12	4-7	3-5	2-3	1-2	1
	3	10-13	6-11	4-7	3-5	2-3	1-2	1
	4	9-12	6-10	4-6	2-5	2-3	1-2	1
	5	8-11	5-9	3-6	2-5	2-3	1-2	1
	6	7-10	4-9	3-5	2-4	1-3	1	1
	7	6-9	4-8	2-5	2-4	1-2	1	—
	8	5-8	3-7	2-4	1-4	1-2	1	—
	9	4-7	2-6	2-4	1-4	1	1	—
	10	3-6	2-5	1-3	1-3	1	1	—
	11	2-5	1-5	1-3	1-3	1	1	—
	12	1-4	1-4	1-2	1-2	1	—	—
	13	1-3	1-3	1	1	—	—	—
	14	1-2	1-2	1	—	—	—	—
	15	1	1	—	—	—	—	—
16	1	11-15	7-13	5-7	3-5	2-3	2	1
	2	9-14	6-12	4-7	3-5	2-3	1-2	1
	3	8-13	5-11	3-6	2-5	2-3	1-2	1
	4	6-12	4-10	3-6	2-4	1-3	1	1
	5	5-11	3-9	2-5	2-4	1-2	1	1
	6	3-9	2-8	1-5	1-3	1	1	—
	7	1-8	1-7	1-4	1-3	1	—	—
	8	1-7	1-6	1-3	1-2	1	—	—
	9	1-6	1-5	1-3	1-2	1	—	—
	10	1-4	1-4	1-2	1	—	—	—
	11	1-3	1-3	1	1	—	—	—
	12	1-2	1-2	1	—	—	—	—
	13	1	1	—	—	—	—	—
14	1	10-14	6-12	4-7	3-5	2-3	1-2	1
	2	7-12	5-10	3-6	2-5	2-3	1-2	1
	3	5-11	3-9	2-5	2-4	1-2	1	1
	4	2-9	2-7	1-4	1-3	1-2	1	—
	5	1-7	1-6	1-3	1-2	1	—	—
	6	1-5	1-4	1-2	1	1	—	—
	7	1-3	1-2	1	—	—	—	—
12	1	8-13	6-11	4-6	2-5	2-3	1	1
	2	4-12	3-9	2-5	1-4	1-2	1	1
	3	1-11	1-7	1-4	1-3	1-2	1	—
	4	1-9	1-5	1-3	1-2	1	—	—
	5	1-5	1-3	1-2	1	—	—	—
10	1	6-12	4-9	3-6	2-4	1-3	1	1
	2	1-8	1-5	1-4	1-3	1-2	1	—
	3	1-6	1-4	1-2	1	1	—	—
8	1	2-11	2-6	1-4	1-3	1-2	—	—
	2	1-5	1-2	1-2	—	—	—	—
6	1	1-6	1-5	1-3	1-2	1	—	

INSTRUCTIONS: Use as shown for OEM applications. *For all field applications, twist wires together before crimping. Minimum loading is thirteen wires size 18 AWG.*

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

INSTRUCTIONS: Use as shown for OEM applications. *For all field applications, twist wires together before crimping. Minimum loading is thirteen wires size 18 AWG.*