

TO BE SOLD
ONLY WITH
INSTALLATION
INSTRUCTIONS

Closed End Splice Pressure Type Wire Connectors
Type ECN Wire Combinations
Catalog No. 35653 — Circular Mil Range 3,248 to 13,100
Use “18-10 ECV-ECN or 16-10 C” Tooling
Strip Length — 10.72 mm [.422 in.] Min
11.51 mm [.453 in.] Max



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

 105°C [222°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	4-16	3-9	2-7	1-4	1-2	1	1
	2	3-15	2-8	1-6	1-4	1-2	1	1
	3	2-14	1-6	1-5	1-3	1-2	1	1
	4	1-13	1-5	1-4	1-3	1-2	1	1
	5	1-12	1-4	1-3	1-3	1-2	1	1
	6	1-11	1-4	1-3	1-2	1-2	1	1
	7	1-10	1-3	1-3	1-2	1-2	1	1
	8	1-9	1-3	1-3	1-2	1	1	—
	9	1-8	1-3	1-2	1	1	1	—
	10	1-7	1-2	1-2	1	1	—	—
	11	1-6	1-2	1-2	1	1	—	—
	12	1-5	1-2	1-2	1	1	—	—
	13	1-4	1-2	1-2	1	—	—	—
	14	1-3	1	1	1	—	—	—
	15	1-2	1	1	1	—	—	—
	16	1	1	1	—	—	—	—
20	1	3-16	3-7	2-4	1-4	1-2	1	1
	2	2-13	2-6	1-4	1-3	1-2	1	1
	3	1-9	1-5	1-4	1-2	1-2	1	—
	4	1-6	1-4	1-2	1-2	1	1	—
	5	1-4	1-3	1-2	1-2	1	1	—
	6	1-3	1-2	1	1	1	1	—
	7	1-2	1	1	1	—	—	—
18	1	2-16	2-7	1-6	1-4	1-2	1	1
	2	1-9	1-4	1-5	1-2	1-2	1	1
	3	1-8	1-4	1-4	1-2	1-2	1	—
	4	1-4	1-2	1-3	1	1	1	—
	5	1-3	1	1-2	1	1	—	—
	6	1-2	1	1	1	—	—	—
16	1	1-15	1-6	1-5	1-4	1-2	1	—
	2	1-8	1-3	1-3	1-3	1	1	—
	3	1-5	1-3	1-2	1-2	1	—	—
	4	1-2	1-2	1	1	—	—	—
14	1	1-12	1-5	1-5	1-3	1-2●	1	—
	2	1-7	1-3	1-3	1	1●	—	—
12	1	1-9	1-6	1-4	1-2	1	1●	—
10	1	1-6	1-2	1	1	—	—	—

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