

D E S C R I P T I O NPRODUCT COVERED:

USL, CNL - Insulated, quick-connect connectors for steel and brass tabs, Type Ultra Fast Faston Series .110, .187, 205 and .250. Quick-connect brass tabs, Type Ultra Fast Faston Series .110, .187, 205 and .250. (For specific catalog numbers, refer to Table 1).

GENERAL CHARACTER AND USE:

The products covered are insulated, quick-connect connectors, and tabs intended for factory assembly on No. 22 to No. 10 AWG copper wire using this manufacturer's "Type D" hand or automatic power tooling. They are intended for use in equipment where strain relief is provided. The quick-connect connectors and tabs are for use on the following copper alloy or plated steel production tabs, covered by this report copper wire sizes and tooling. They are rated to 105°C, 600 V max, building wiring (1000 V max inside fixtures and signs).

The insulated connectors are rated 105°C, 600 V max building wire (1000 V max in signs or fixtures).

<u>Wire Size (AWG)</u>	<u>Number of Strands</u>
22	7
20	10
18	16
17	53
16	26
14	41
12	65
10	105

Cat. Nos. 2-520856-2 and 2-520857-2 are similar to Cat. Nos. 2-520128-2 and 2-520129-2 respectively except for a larger diameter insulation housing, designated to accommodate heavily insulated wire. Cat. No. 2-521164-2 is similar to Cat. No. 2-520128-2 except for a difference in receptacle (.205).

<u>Series</u>	<u>Mating Tab</u>	<u>Hand Power Tooling</u>
.110	.110 by .020	Type D
	.110 by .032	
.187	.187 by .020	Type D
	.187 by .032	
.205	.205 by .032	Type D
.250	.250 by .032	Type D

Table 1:

Catalog Number@	Wire Ratings	Illustration Number
350815		5
350816	16-14 str/sol	6
350819	17AWG* str	7
350820	(2) 18AWG str	8
520080		9
520081	22-18 str/sol	10
520083	17AWG* str	11
520084	(2) 22AWG str	12
520102	(2) 20AWG str	13
520103		14
520106		15
520107	16-14 str/sol	16
520116	17AWG* str	17
520117	(2) 18AWG str	18
520124		19
520125		20
520128	22-18 str	21
520129	(2) 22AWG str (2) 20AWG str	22
520132	16-14 str	23
520133	(2) 18AWG str	24
520137	22-18AWG str	25
520138	22-18AWG str	26
520140	16-14 str/sol	27
520141	17AWG* str	28
520150	(2) 18AWG str	29
520151		30
520181		31
520182	22-18 str/sol	32
520183	17AWG* str	33
520184	(2) 22AWG str	34
520193	(2) 20AWG str	35
520194		36
520261		37
520262		38
520263		39
520264		40
520272		41
520273		42
520274		43
520275		44
520276	16-14 str/sol 17AWG* str (2) 18AWG str	45
520277	16-14AWG str	46
520306	22-18 str/sol 17AWG* str (2) 22AWG str (2) 20AWG str	47
520307	22-18AWG str	48

Table 1(cont'd)

Catalog Number@	Wire Ratings	Illustration Number
520308	22-18AWG str	49
520309		50
520310	22-18 str/sol 17AWG* str (2) 22AWG str (2) 20AWG str	51
520311	22-18AWG str	52
520334	22-18 str (2) 22AWG str (2) 20AWG str	53
520335		54
520336		55
520337		56
520338	16-14 str (2) 18AWG str	57
520339		58
530340		59
520341	16-14AWG str	60
520447	12-10 str (2) 16AWG str (2) 14AWG str	61
520448		62
520856	22-18 str (2) 22AWG str (2) 20AWG str	63
520857	22-18AWG str	64
520928	22-18AWG sol/str	65
520929	16-14AWG sol/str	66
520997	16-14 str (2) 18AWG str	67
521013		68
521127	16-14AWG sol/str	69
521142	16-14 str/sol 17AWG* str (2) 18AWG str	70
521191		71
521097	12-10 str (2) 16AWG str (2) 14AWG str	72
521098		73
521102	22-18 str/sol 17AWG* str (2) 22AWG str (2) 20AWG str	74
521103		75
521104		76
521105		77
521144		78
521192		79
521164		22-18 str (2) 22AWG str (2) 20AWG str
521010	22-18 sol/str	81
521247	16-14AWG str	82
521410		83
521308	22-18 str/sol 17AWG* str (2) 22AWG str (2) 20AWG str	84
521406		85
521072	16-14AWG sol/str	86
521150		87

Note @: May be preceded by a numeric prefix from 0-9 and followed by a numeric suffix from 0-9.

Note *: The 17 AWG str. wire can be assembled with either the 22-18 or 16-14 die nest.

Products designated USL have been investigated using requirements contained in the Standard for Electrical Quick Connect Terminals, UL 310.

Products designated CNL have been investigated using requirements contained in the Standard for Electrical Quick Connect Terminals, CSA C22.2 No. 153-09.