

1-800-GRAINGER (472-4643)

Thomas & Betts
Butt Splice Compression Connectors

■ Tin Plated Copper

Compression connectors make permanent in-line connections between industrial cables to extend or splice power and ground connections in high-voltage or heavier gauge applications like commercial lighting, electrical panels, and industrial machinery. Short barrel require one crimp on each side of their barrel to secure cables. Long barrel require two crimps on each end of their barrel to secure cables



22EZ33

Wire Size	Color Code	Die Code	Brand	Long Barrel		Short Barrel	
				Overall Length	Item No.	Overall Length	Item No.
8 AWG	Blue	24	T&B	1.25 in	3LN04	—	—
	Red	21	Power First	1.77 in	22EZ30	1.01 in	22EZ15
	Red	21	T&B	1.75 in	3LM37	1 in	3LM13
	Red	49	Burndy	1.75 in	454H03	—	—
6 AWG	Blue	24	Power First	1.77 in	22EZ31	1.01 in	22EZ16
	Blue	24	T&B	1.75 in	3LM38	1 in	3LM14
	Blue	7, 374	Burndy	2.38 in	454H04	—	—
4 AWG	Gray	29	T&B	1.63 in	3LN05	—	—
	Gray	29	Power First	1.77 in	22EZ32	1.01 in	22EZ17
	Gray	29	T&B	1.75 in	3LM39	1 in	3LM15
	Gray	8, 346	Burndy	2.55 in	454H05	—	—
2 AWG	Green	37	T&B	1.81 in	3LN06	—	—
	Brown	33	Power First	1.9 in	22EZ33	1.26 in	22EZ18
	Brown	33	T&B	1.88 in	3LM40	1.25 in	3LM16
	Brown	10	Burndy	2.82 in	454H06	—	—
1 AWG	Pink	42	T&B	1.81 in	3LN07	—	—
	Gold	45	T&B	2.38 in	3LN08	—	—
	Green	37	Power First	2.02 in	22EZ34	1.52 in	22EZ19
	Green	37	T&B	2 in	3LM41	1.5 in	3LM17
1/0 AWG	Green	11, 375	Burndy	3.07 in	454H07	—	—
	Pink	42	Power First	2.02 in	22EZ35	1.65 in	22EZ20
	Pink	42	T&B	2 in	3LM42	1.63 in	3LM18
	Pink	12, 348	Burndy	3.08 in	454H08	—	—
2/0 AWG	Tan	50	T&B	2.38 in	3LN09	—	—
	Black	45	Power First	2.15 in	22EZ36	1.77 in	22EZ21
	Black	45	T&B	2.13 in	3LM43	1.75 in	3LM19
	Black	13	Burndy	3.3 in	454H09	—	—
3/0 AWG	Olive	54	T&B	2.5 in	3LN10	—	—
	Orange	50	Power First	2.27 in	22EZ37	1.77 in	22EZ22
	Orange	50	T&B	2.25 in	3LM44	1.75 in	3LM20
	Orange	14	Burndy	3.3 in	454H10	—	—
4/0 AWG	Ruby	60	T&B	2.81 in	3LN11	—	—
	Purple	54	Power First	2.78 in	22EZ38	1.9 in	22EZ23
	Purple	54	T&B	2.75 in	3LM45	1.88 in	3LM21
	Purple	15	Burndy	3.57 in	454H11	—	—
250 kcmil	White	66	T&B	3.66 in	3LN12	—	—
	Yellow	62	Power First	3.41 in	22EZ39	2.27 in	22EZ24
	Yellow	62	T&B	3.38 in	3LM46	2.25 in	3LM22
	Yellow	16	Burndy	3.58 in	454H12	—	—
300 kcmil	White	66	T&B	3.5 in	3LM47	—	—
	White	66	Power First	3.54 in	22EZ40	2.15 in	22EZ25
	Red	71	Power First	3.79 in	22EZ41	2.27 in	22EZ26
350 kcmil	Red	71	T&B	3.75 in	3LM48	2.25 in	3LM24
	Red	18, 324	Burndy	4.35 in	454H14	—	—
	Blue	76	T&B	3.75 in	3LM49	2.75 in	3LM25
400 kcmil	Brown	87	Power First	4.8 in	22EZ43	2.78 in	22EZ28
	Brown	87	T&B	4.75 in	3LM50	2.75 in	3LM26
	Brown	20, 299	Burndy	4.91 in	454H16	—	—



BURNDY
Compression Adapters

■ Rated for 35kV

Connectors come prefilled with PENTROX oxide inhibitor compound. EPDM or Santoprene rubber covers are packaged with each connector. Applications include mechanical connectors in molded case circuit breakers, panel board equipment, and meter sockets.

Wire Size	Equivalent Wire Size	Pin Die Code	Item No.
Offset Adapters			
2/0 AWG	1 AWG	298	22P111
3/0 AWG	1/0 AWG	298	22P103
4/0 AWG	2/0 AWG	298	22P105
250 kcmil	3/0 AWG	299	22P109
300 kcmil	4/0 AWG	299	22P112
350 kcmil	250 kcmil	299	22P110
400 kcmil	300 kcmil	300	22P114
500 kcmil	350 kcmil	300	22P108
750 kcmil	500 kcmil	936	22P104
600 kcmil	400 kcmil	936	22P106
Straight Adapters			
6 AWG	4 AWG	296	22P121
4 AWG	4 AWG	296	22P117
2 AWG	4 AWG	296	22P113
1 AWG	3 AWG	296	22P118
1/0 AWG	2 AWG	296	22P115
250 kcmil	3/0 AWG	299	22P120
350 kcmil	250 kcmil	299	22P119
500 kcmil	350 kcmil	300	22P107
750 kcmil	500 kcmil	936	22P116



Noalox Antioxidant

Suspended zinc particles penetrate and cut aluminum oxide. Reduces galling and seizing on aluminum conduit joints, promoting good ground continuity.



Size	Item No.
8 oz	6YH33

Thomas & Betts

C-Tap Compression Connectors

■ Copper ■ For 600V

Heavy reinforcing ribs locate the compression dies and strengthen the compression joint. They assure positive, all-around compression with low resistance and high pullout values.



3LM28

For Run Minimum	Wire Size Maximum	For Tap Minimum	Wire Size Maximum	Color Code	Die Code	L	Item No.
10 AWG	8 AWG	12 AWG	10 AWG	Blue	24	9/16 in	3LM28
8 AWG	6 AWG	12 AWG	8 AWG	Gray	29	9/16 in	3LM29
8 AWG	4 AWG	12 AWG	8 AWG	Brown	33	1 1/2 in	3LM30
5 AWG	3 AWG	12 AWG	6 AWG	Green	37	1 1/2 in	3LM31
4 AWG	2 AWG	12 AWG	4 AWG	Pink	42	1 1/2 in	3LM32
3 AWG	1 AWG	12 AWG	3 AWG	Black	45	1 1/4 in	3LM33
2 AWG	1/0 AWG	12 AWG	2 AWG	Orange	50	1 1/4 in	3LM34
1 AWG	2/0 AWG	12 AWG	1 AWG	Purple	54	1 1/4 in	3LM35
3/0 AWG	1/0 AWG	1/0 AWG	3/0 AWG	Yellow	62	1 1/4 in	3LM36

Crimping Die Sets

These dies fit specific brand, series, or models of crimp tools, replacing worn dies that no longer form proper crimps and allow wire to pull out of connectors. They also change dies to crimp different types of connectors.

No. of Pieces	Crimping Cap.	Compatible with Manufacturer Model Number	Compatible with Series	Brand	Mfr. Model	Item No.
Upper and Lower Crimping Die Set						
Color Code Black, Blue, Brown, Gold, Gray, Green, Olive, Pink, Red, Ruby, Tan, White, Yellow						
16	6 to 750 kcmil Aluminum	2779-22	U Style	Milwaukee	49-12-KITA	53RG10
16	6 AWG to 750 kcmil Aluminum Connectors	48802, E12CCX, EK1230L, EK1240L, HK1230, HK1240, HKL1232, RK1240, RK1550	U Style Aluminum	Greenlee	KD12AL	1XGB3
Color Code Black, Blue, Brown, Gray, Green, Orange, Pink, Purple, Red, White, Yellow						
11	8 AWG to 300 kcmil Copper Connectors	EK410L	Greenlee Series KC	Greenlee	KC4CU	1ED67
15	8 AWG to 600 kcmil Copper Connectors	ECCXL, EK622L, EK628L	Greenlee Series KC	Greenlee	K22S1GL	6XH29
16	8 AWG to 600 kcmil	2679-20, 49-16-U000	U Style	Milwaukee	49-16-KITC	45FD76
16	6 AWG to 750 kcmil Copper Connectors	48802, E12CCX, EK1230L, EK1240L, HK1230, HK1240, HKL1232, RK1240, RK1550	U Style Copper	Greenlee	KD12CU	1XGB2
16	6 AWG to 750 kcmil Copper	2779-22	U Style	Milwaukee	49-12-KITC	53RG11
Color Code Blue, Brown, Gold, Gray, Green, Olive, Pink, Red, Ruby, Tan, White						
12	8 AWG to 350 kcmil	2679-20	U Style	Milwaukee	49-16-KITA	45FD75



53RG10

1XGB2



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