

## Summary

Power terminal blocks are often used in UL 508A-listed industrial control panels and NEC installations for tapping circuits. However, economies can be gained, and higher short-circuit ratings achieved, through the use of standard, multiple-conductor terminals on circuit breakers.

## Appendices

**Table 1. Breaker Terminal Offerings**

Breaker Frame	Maximum Breaker Ampacity	Terminal Body Material	Wire Type	AWG Wire Range/Number of Conductors	Metric Wire Range mm <sup>2</sup>	Number of Terminals Included	Catalog Number	Comments
<b>Series G®</b>								
E-Frame	125	Steel	Cu	#14–3/0 (1)	2.5–95 (1)	3	<b>3T125EF</b>	Standard terminal
	125	Aluminum	Cu/Al	#14–1/0 (1)	2.5–50 (1)	3	<b>3TA125EF</b>	
	125/160	Aluminum	Cu/Al	#6–3/0 (1)	16–95 (1)	3	<b>3TA150EF</b>	160A Frame is not UL Listed
	160	Aluminum	Cu/Al	#3–250 (1)	35–120 (1)	3	<b>3TA160EFK</b>	160A Frame is not UL Listed
	160	Aluminum	Cu/Al	#3–250 (1)	35–120 (1)	4	<b>4TA160EFK</b>	160A Frame is not UL Listed
J-Frame	250	Aluminum	Cu/Al	4–350 kcmil (1)	25–185 (1)	1	<b>TA250FJ</b>	
	250	Stainless steel	Cu	4–350 kcmil (1)	25–185 (1)	1	<b>T250FJ</b>	Standard terminal
L-Frame	400	Aluminum	Cu/Al	500–750 kcmil (1)	240–380 (1)	3	<b>3TA631LK</b>	Includes three-pole terminal cover
	400	Aluminum	Cu/Al	500–750 kcmil (1)	240–380 (1)	4	<b>4TA631LK</b>	Includes four-pole terminal cover
	400	Copper	Cu	500–750 kcmil (1)	240–380 (1)	3	<b>3T631LK</b>	Includes three-pole terminal cover
	400	Copper	Cu	500–750 kcmil (1)	240–380 (1)	4	<b>4T631LK</b>	Includes four-pole terminal cover
	630	Aluminum	Cu/Al	2–500 kcmil (2)	35–240 (2)	3	<b>3TA632LK</b>	Standard terminal. Includes three-pole terminal cover.
	630	Aluminum	Cu/Al	2–500 kcmil (2)	35–240 (2)	4	<b>4TA632LK</b>	Standard terminal. Includes three-pole terminal cover.
	630	Copper	Cu	2–500 kcmil (2)	35–240 (2)	3	<b>3T632LK</b>	Includes three-pole terminal cover
	630	Copper	Cu	2–500 kcmil (2)	35–240 (2)	4	<b>4T632LK</b>	
	400	Aluminum	Cu/Al	2–500 (1)	35–240 (1)	1	<b>TA350LK</b>	Includes four-pole terminal cover
	400	Copper	Cu	2–500 (1)	35–240 (1)	1	<b>T350LK</b>	Standard terminal
N-Frame	1250	Copper	Cu	3/0–400 (4)	95–185 (4)	1	<b>T1200NB3M</b>	
R-Frame	1600	Aluminum	Cu	500–1000 (4)	300–500 (4)	1	<b>TA1600RDM</b>	
	1600	Copper	Cu/Al	1–600 (4)	50–300 (4)	1	<b>T1600RDM</b>	
	2000	Aluminum	Cu	2–600 (6)	35–300 (6)	3	<b>TA2000RDM</b>	
<b>Series C</b>								
G-Frame	20	Steel	Cu/Al	#14–10 (1)	2.5–4 (1)	3	—	Standard terminal installed on breaker
	100	Aluminum	Cu/Al	#10–1/0 (1)	4–50 (1)	3	—	Standard terminal installed on breaker
F-Frame	20	Steel	Cu/Al	14–10 (1)	2.5–4 (1)	3	<b>3T20FB</b>	Not for use on ED, EDB, EDS, EDH, or EDC breakers
	100	Steel	Cu/Al	14–1/0 (1)	2.5–50 (1)	3	<b>3T100FB</b>	
	225	Aluminum	Cu/Al	4–4/0 (1)	25–95 (1)	3	<b>3TA225FD</b>	
	50	Aluminum	Cu/Al	14–4 (1)	2.5–25 (1)	3	<b>3TA50FB</b>	Not for use on ED, EDB, EDS, EDH, or EDC breakers
	100	Aluminum	Cu/Al	4–1/0 (1)	2.5–50 (1)	3	<b>3TA100FD</b>	
	200	Stainless steel	Cu	4–4/0 (1)	25–95 (1)	3	<b>3T150FB</b>	Includes terminal shield kit. Adds 3 inches to breaker height.
	225	Aluminum	Cu/Al	6–300 kcmil (1)	16–150 (1)	3	<b>3TA225FDK</b>	
J-Frame	250	Aluminum	Cu/Al	4–350 kcmil (1)	25–185 (1)	1	<b>TA250KB</b>	
	250	Stainless steel	Cu	4–350 kcmil (1)	25–185 (1)	1	<b>T250KB</b>	
K-Frame	225	Aluminum	Cu/Al	3–350 kcmil (1)	35–185 (1)	1	<b>TA300K</b>	Contains terminal cover Contains terminal cover Contains interphase barriers
	350	Aluminum	Cu/Al	250–500 kcmil (1)	120–240 (1)	1	<b>TA350K</b>	
	400	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (1)	2	<b>2TA400K</b>	
	400	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (1)	3	<b>3TA400K</b>	
	400	Aluminum	Cu/Al	3/0–250 kcmil (2)	95–120 (1)	4	<b>4TA400K</b>	
	225	Copper	Cu	3–350 kcmil (1)	35–185 (1)	1	<b>T300K</b>	Contains terminal cover Contains terminal cover Contains interphase barriers
	350	Copper	Cu	250–500 kcmil (1)	120–240 (1)	1	<b>T350K</b>	
	400	Copper	Cu	3/0–250 kcmil (2)	95–120 (2)	2	<b>2T400K</b>	
	400	Copper	Cu	3/0–250 kcmil (2)	95–120 (2)	3	<b>3T400K</b>	
	400	Copper	Cu	3/0–250 kcmil (2)	95–120 (2)	4	<b>4T400K</b>	
	400	Aluminum	Cu/Al	2/0–250 kcmil (2) or 2/0–500 kcmil (1)	70–120 (2) or 70–240 (1)	2	<b>2TA401K</b>	Contains terminal cover
	400	Aluminum	Cu/Al	2/0–250 kcmil (2) or 2/0–500 kcmil (1)	70–120 (2) or 70–240 (1)	3	<b>3TA401K</b>	Contains terminal cover
	400	Aluminum	Cu/Al	2/0–250 kcmil (2) or 2/0–500 kcmil (1)	70–120 (2) or 70–240 (1)	4	<b>4TA401K</b>	Contains interphase barriers
	400	Aluminum	Cu/Al	500–750 kcmil (1)	300–400 (1)	2	<b>2TA402K</b>	Contains terminal cover
	400	Aluminum	Cu/Al	500–750 kcmil (1)	300–400 (1)	3	<b>3TA402K</b>	Contains terminal cover
400	Aluminum	Cu/Al	500–750 kcmil (1)	300–400 (1)	4	<b>4TA402K</b>	Contains interphase barriers	