

Mechanical Lugs

Table 11.101: Mechanical Lug Kit Information

Circuit Breaker Application				(Number of Wires Per Lug) Wire Range[4]	Cat. No.	Lugs Per Kit	Availability
Standard	Ampere Rating	Optional	Ampere Rating				
Al Lugs for Use with Al or Cu Wire							
FI	15–30 A	FI	35–100 A	(1) 14–4 AWG Cu or (1) 12–4 AWG Al	AL50FA	3	—
FI	35–100 A	FI	15–30 A	(1) 14–1/0 AWG Cu or (1) 12–1/0 AWG Al	AL100FA	3	—
KI	110–175 A	—	—	(1) 4 AWG–350 kcmil	AL250KA	3	—
KI	200–250 A	KI	110–175 A	(1) 1/0 AWG–350 kcmil	AL250KI	3	—
LE, LX, LXI	100–250 A	LI, LE, LX, LXI	300–600 A	(2) 1 AWG–350 kcmil	AL600LI35	1	—
LI, LE, LX, LXI	300–600 A	LE, LX, LXI	100–250 A	(2) 4/0 AWG–500 kcmil	AL600LI5	1	—
—	—	LC, LI, LE, LX, LXI	—	(1) 500–750 kcmil	AL600LI7	1	—
—	—	LC, LI, LE, LX, LXI	—	(1) 500–750 kcmil	AL600LI7	1	—
MA, MH	300–1000 A	—	—	(3) 3/0 AWG–500 kcmil	AL900MA	1	—
—	—	MA, MH	300–1000 A	(2) 500–750 kcmil	AL800MA7	1	—
—	—	MA, MH	300–1200 A	(4) 1/0 AWG–350 kcmil	AL1000MA	1	—
ME, MX	100–250 A	—	—	(1) 6 AWG–350 kcmil	AL250ME	3	Not Available
—	—	ME, MX	250–400 A	(1) 350–750 kcmil	AL400ME7	1	Not Available
—	—	ME, MX	100–800 A	(2) 500–750 kcmil	AL800MA7	1	—
ME, MX	300–800 A	ME, MX	100–250 A	(3) 3/0 AWG–500 kcmil	AL900MA	1	—
—	—	ME, MX	300–1200 A	(4) 1/0 AWG–350 kcmil	AL1000MA	1	—
NA, NC, NE, NX	600–1200 A	—	—	(4) 3/0 AWG–600 kcmil	AL1200NE6	1	Not Available
—	—	PAF, PHF, PEF, PXF, PCF	600–2500 A	(1) 1/0 AWG–750 kcmil	AL2500PA	2	—
Cu Lugs for Use with Cu Wire Only [5]							
—	—	FI	15–100 A	(1) 14–1 AWG Cu	CU100FA	3	—
—	—	FI	15–100 A	(1) 14–1 AWG Cu	CU100FA	3	—
—	—	KI	110–250 A	(1) 4 AWG–250 kcmil Cu	CU250KA	3	—
—	—	LI, LE, LX, LXI	—	(2) 1 AWG–350 kcmil Cu	CU600LI35	1	—
—	—	LI, LE, LX, LXI	—	(2) 4/0 AWG–500 kcmil Cu	CU600LI5	1	—
—	—	LI, LE, LX, LXI	—	(1) 500–750 kcmil Cu	CU600LI7	1	—
—	—	MA, MH	300–1000 A	(3) 3/0 AWG–500 kcmil Cu	CU1000MA	1	—
—	—	ME, MX	125–250 A	(1) 4 AWG–250 kcmil Cu	CU250ME	3	Not Available
—	—	ME, MX	100–800 A	(3) 3/0 AWG–500 kcmil Cu	CU1000MA	1	—
—	—	NA, NC, NE, NX	600–1200 A	(4) 3/0 AWG–600 kcmil Cu	CU1200NE6	1	Not Available



AL2500PA

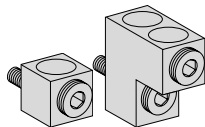


Table 11.100: Terminal Shields and Phase Barriers

Used With	Description	Cat. No.	Qty Per Kit
D-Frame	Terminal Shield (3P)	PDC5DG2 PDC12DG2	36965 1

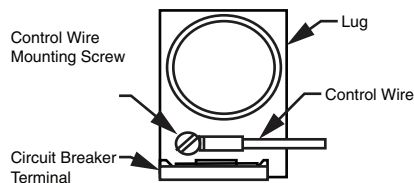


Table 11.102: Mechanical Lug Kits for D-Frame Circuit Breakers

Description	Poles	Cat. No.	
		400 A Lugs	600 A Lugs
Field-Installable Lug Kit, Terminal Cover Included	3	32508	32510
Voltage Takeoffs (set of two)		29348	29348
Wire Range		(1) 2 AWG–600 kcmil stranded CU cable (1) 2 AWG–500 kcmil stranded AL cable	(2) 2/0 AWG–350 kcmil stranded CU cable (2) 2/0 AWG–500 kcmil stranded AL cable

Control Wire Tap Lugs

Control wire tap lugs are used in applications requiring connection to a small wire (22–14 AWG) for control circuits. This is accomplished by crimping the wire to a standard wire crimp terminal (not included) and fastening the terminal to the circuit breaker lug.

Note: To order as a factory-installed device on FI, KI, LC, LI, LXI, LX or LC circuit breakers, add suffix number 8041 to circuit breaker catalog number, e.g., KIL362258041.

Table 11.103: Control Wire Terminations for Circuit Breakers

Circuit Breaker	Control Wire Termination Kits	
	Cat. No.	Standard Package Quantity
FI	FAT [6]	1
KI	AL250KIT	1
LC, LI, LXI, LX, LE	AL600LI35T	1
	AL600LI5T	1
MA, MH, MX, ME	AL900MAT	1
	AL1000MAT	1
NA, NC, NX, NE	AL1200NE6T	1

[4] Unless otherwise specified, wire sizes apply to both aluminum and copper conductors.

[5] Use suffix 8002 for factory-installed Cu lugs.

[6] Use fully-insulated 0.250 inch slip-on connectors.