

Mechanical Lug Kits

Table 3.43: Mechanical Lug Kit Information

Circuit Breaker Application				(Number of Wires Per Lug) Wire Range [4]	Cat. No.	Lugs Per Kit
Standard	Ampere Rating	Optional	Ampere Rating			
Al Lugs for Use with Al or Cu Wire						
Q4, LA, LH	125–400 A	—	—	(1) 1 AWG–600 kcmil or (2) 1 AWG–250 kcmil	AL400LA	1
—	—	Q4, LA, LH	125–400 A	(1) 350–750 kcmil	AL400LH7	1
Cu Lugs for Use with Cu Wire Only [5]						
—	—	Q4, LA, LH	125–400 A	(1) 1 AWG–600 kcmil Cu or (2) 1 AWG–250 kcmil Cu	CU400LA	1



Compression Lug Kits

Table 3.44: Field-installable Compression Lug Kits [6]

Circuit Breaker Type	Wire Range [4]	Dimension A (in)	Max. Lugs Per Terminal	Cat. No.	Lug Qty. Per Kit
Aluminum Compression Lug Kits					
LA, LH, Q4	250–350 kcmil	1.25	2	VC400LA35	2
	4 AWG–300 kcmil	1.0	2	VC400LA3	2
	2/0 AWG–500 kcmil	2.2	1	VC400LA5	1
	500–750 kcmil	2.5	1	VC400LA7	1
Copper Compression Lug Kits					
LA, LH, Q4	2/0 AWG–300 kcmil Cu	1.3	2	CVC400LA3	2
	250–500 kcmil Cu	2.3	1	CVC400LA5	1



Power Distribution Connectors (PDC) for Circuit Breakers—for Field Replacement of Mechanical Lugs

Can be used for multiple load connections on one circuit breaker. Use in place of standard distribution blocks to save space and time.

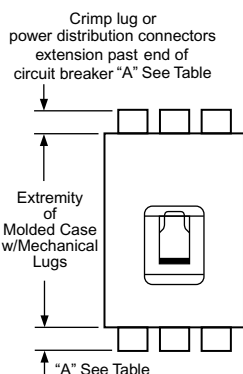
Field-installable kits, including tin-plated aluminum connectors and all necessary mounting hardware are available for Square D LA and Q4-frame molded case circuit breakers.

Connectors are UL Listed:

- For use on load end of circuit breaker only
- For use in UL508 Industrial Control applications only
- For use in UL 1995/CSA C22.2 No. 236 heating and cooling equipment
- For copper wire only

Table 3.45: Power Distribution Connectors for LAL, LHL, and Q4L Circuit Breakers

Use With Circuit Breaker [7]	Circuit Breaker Ampere Rating	Wires Per Terminal & Wire Range [8] Cu	Cat. No.	Lug Quantity Per Kit	Dimension A (in.)
LAL, LHL, Q4L	125–400 A	(6) 12–2/0 AWG	PDC6LA20	1	2.25
		(12) 14–4 AWG	PDC12LA4	1	1.25
		(3) 14–2 AWG (1) 2 AWG–250 kcmil	PDC4LA250	1	2.0



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

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

[6] See instruction bulletins for recommended tools.

[7] Not for use with I-Line circuit breakers.

[8] When using fine stranded wire, increased cross sectional area may cause maximum wire size to be reduced.