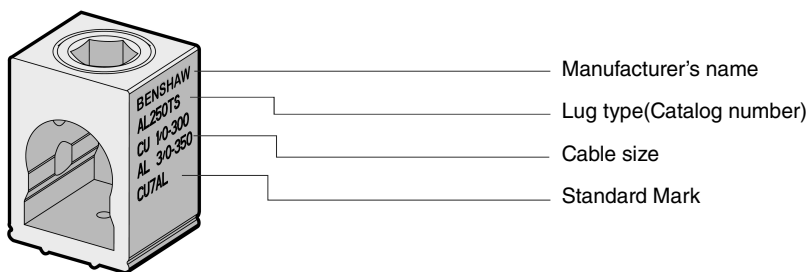


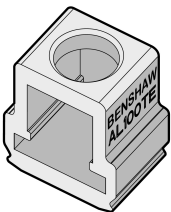
MECHANICAL LUG OVERVIEW

100 to 1200 frame circuit breakers can be ordered with mechanical line and load side lugs. The standard lugs can be removed for the installation of bus connections. All lugs are UL/cUL Listed Certified for their proper application and marked for use with aluminum and copper (Al/Cu) or copper only (Cu) conductors. Lugs suitable for copper and aluminum conductors are made of tin-plated aluminum. Mechanical lugs are sold either factory installed or as field installable kits.



MECHANICAL LUG KITS FOR 100F CIRCUIT BREAKERS

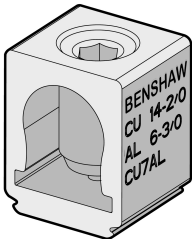
LUG TYPE	TERMINAL BODY MATERIAL	WIRE TYPE	BREAKER AMP RANGE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
100 amp frame	Aluminum	CU	60 °C	15~30A	3.6 (31.9)
				40A	4.5 (39.8)
				50~80A	5.4 (47.8)
				90~100A	6.3 (55.8)
			75 °C	15~30A	3.6 (31.9)
				40~50A	4.5 (39.8)
				60~100A	5.4 (47.8)
		AL	60 °C	40~60A	5.4 (47.8)
				70~80A	6.3 (55.8)
			75 °C	50~70A	5.4 (47.8)
				80~100A	6.3 (55.8)



15-100A LUG

MECHANICAL LUG KITS FOR 150F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
150 amp frame	Aluminum	40~175A	Cu	8~2/0	15.1 (133.6)
		50~70A	Al	6~3	5.4 (47.8)
		90~150A	Al	2~3/0	15.7 (138.6)

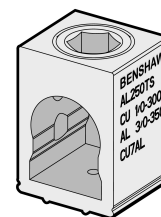


15-150A LUG

MECHANICAL LUG OVERVIEW

MECHANICAL LUG KITS FOR 250F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
250 amp frame	Aluminum	150~175A	Cu	1/0~4/0 AWG	32 (283.2)
		150~175A (Al) 200~225A (Cu)	Cu/Al	3/0~4/0 AWG	
		200~225A (Al) 250A (Cu)	Cu/Al	250~300kcmil	44 (389.4)
		250A	Al	350kcmil	

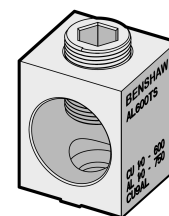


150~250A LUG

MECHANICAL LUG KITS FOR 400F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
400 amp frame	Aluminum	250A	Cu/Al	1/0AWG ~300kcmil	40.5 (358.5)
		300A	Cu/Al	350~600kcmil	54 (478)
		350A			
		400A	Al *	700~750kcmil	54 (478)

* Compact wire only (700~750kcmil)



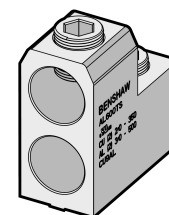
250~400A LUG

MECHANICAL LUG KITS FOR 600F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
600 amp frame	Aluminum	500A 600A	Cu	2/0AWG ~350kcmil	40.5 (358.5)
			Al *	3/0AWG ~500kcmil	40.5 (358.5)

* Compact wire only (400~500kcmil)

** 600A Lugs are applicable for 400A Breaker

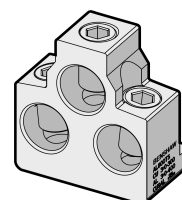


500~600A LUG

MECHANICAL LUG KITS FOR 800F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
800 amp frame	Aluminum	400A 600A 630A 800A	Cu	3/0AWG ~350kcmil	45 (398.3)
			Al *	3/0AWG ~400kcmil	45 (398.3)

* Compact wire only (350~400kcmil)



400~800A LUG

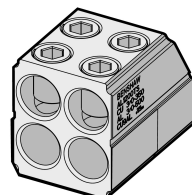
MECHANICAL LUG KITS FOR 1200F CIRCUIT BREAKERS

LUG TYPE	TERMINAL BODY MATERIAL	BREAKER AMP RANGE	WIRE TYPE	APPLICABLE WIRE (AWG)	TORQUE N-m (lb-in)
1200 amp frame	Aluminum	800A 1000A 1200A	Cu**	3/0AWG ~500kcmil	45 (398.3)
			Al *	3/0AWG ~500kcmil	45 (398.3)

* Compact wire only (400~500kcmil)

** Only 3 Cables of 500kcmil for 1200A lugs, 2 holes in bottom and 1 of the 2 holes in the top.

*** 1200A Lugs applicable for 800A Breaker



800~1200A LUG