

Lug information

Mechanical Lug

Selection

For Use With Type(s)	Circuit Breaker Ampere Rating	Cables Per Lug	Lug Wire Range	Catalogue Number
BO, BQH, BQHF, BQE, BQF, BL, BLH, HBL, HBQ Switching Neutrals BG BLG	Line Side			
	15–40	1	#14–#6 AWG Cu #12–#6 AWG Al	TC1Q1 ^{①②} (Pkg. of 6)
	50–100	1	#8–#1 AWG Cu #6–#1/0 AWG Al	TA1Q1 ^② (Pkg. of 6)
	Load Side			
	15–20	1	#14–#10 AWG Cu #12–#10 AWG Al	Lugs are integral to Circuit Breaker
	25–35	1	#14–#6 AWG Cu #12–#6 AWG Al	
	40–50	1	#8–#6 AWG Cu #8–#4 AWG Al	
	55–70	1	#8–#4 AWG Cu #8–#2 AWG Al	
	80–100	1	#4–#1/0 AWG Cu #2–#1/0 AWG Al	
	110–125	1	#2–#1/0 AWG Cu #1/0–#2/0 AWG Al	
Line Side (CQD, CQD6) & Load Side				
BQD, CQD BQD6, CQD6	15–40	1	#14–#6 AWG Cu #12–#6 AWG Al	Integral
	45–100	1	#8–#1 AWG Cu #6–#1/0 AWG Al	Integral
NGG	15–40	1	#14–#6 AWG Cu #12–#6 AWG Al	TC1Q1 (pkg. of 6)
	50–100	1	#8–#1 AWG Cu #6–#1/0 AWG Al	TA1Q1 (pkg. of 6)
	110–125	1	#6–#1/0 AWG Cu #4–#2/0 AWG Al	3TA1GG20 (pkg. of 3)
	15–125	—	NUT KEEPER PLATE	TNKG3 ^③ (Pkg. of 3)

Note:

- (A) Molded case circuit breakers having a rated ampacity of 125 amperes or less are to be connected with 60 or 75°C wire. Circuit breakers having a rated ampacity greater than 125 amperes shall only be cabled with 75°C cable unless otherwise indicated on the circuit breaker label. Exceptions to this rule are outlined in the 2002 National Electrical Code and table 6.1.4.2.1 per CSA C22.2 No5.02 standard.
- (B) Connector wire ranges and cavities are established in conjunction with Table 6.1.4.2.1 of UL 489 standards.

- ① Lug is steel.
 ② Sold in package of six.
 ③ Use on load side only.
 ④ One nut keeper plate is required with each lug on the NGG breaker.

Lug Information

Aluminum Body Lugs for Copper or Aluminum Wire

Selection

For Use With Type(s)	Circuit Breaker Ampere Rating	Cables Per Lug	Lug Wire Range	Catalogue Number
QJ2, QJH2 QJ2H, HQJ2H	60–225	1	#6 AWG–300 kcmil (Cu) #4 AWG–300 kcmil (Al)	TA1Q300 (pkg of 3)
All 2, 3 pole ED2, ED4, ED6, ED6 ETI, HED4,	15–25	1	#14–#10 AWG (Cu) #12–#10 AWG (Al)	SA1E025
	30–100	1	#10–#1/0 (Cu or Al)	LN1E100
	110–125	1	#3-3/0 (Cu) #1-2/0 (Al)	TA1E6125
CED6 All 1 pole ED, HED	30–60	1	#10–4 (Cu or Al)	LD1E060 (Load Side)
	70–100	1	#4–#1/0 (Cu or Al)	LD1E100 (Load Side)
FXD6-A, FD6-A, HFD6, CFD6 HHFD6	70–250	1	#6 AWG–350 kcmil (Cu) #4 AWG–350 kcmil (Al)	TA1FD350A
SJD6(A), SHJD6(A) SCJD6	65-200	1–2	#4 AWG–310 kcmil (Cu or Al)	TA2J630
JXD2(A), JXD6(A), JD6(A), SJD6(A), HJD6(A), HHJXD6, HHJD6, SHJD6(A), CJD6, SCJD6	200–400	1–2	3/0–500 kcmil (Cu) 4/0–500 kcmil (Al)	TA2J6500
LXD6(A), LD6(A), SLD6(A), HLD6(A), HHLXD6, HHLD6, SHLD6(A), CLD6, SCLD6	250–600	1–2	3/0–500 kcmil (Cu) 4/0–500 kcmil (Al)	TA2J6500
LMD6 [ⓐ] , LMXD6 [ⓐ] , HLMd6 [ⓐ] , HLMXD6 [ⓐ] , MD6, MXD6, SMD6, HMD6, HMXD6, SHMD6, CMD6, SCMD6	500–600	1–2	#1–500 kcmil (Cu or Al)	TA2K500
		1–3	1/0–500 kcmil (Cu or Al)	TA3K500
ND6, NXD6, SND6, HND6, HNXD6, SHND6, CND6, SCND6	800–1200	1–4	250–500 kcmil (Cu or Al)	2TA4P8500 [ⓑ] 3TA4P8500 [Ⓒ]
			250–500 kcmil (Cu or Al)	2TA4N8500 [ⓑ] 3TA4N8500 [Ⓒ]
PD6, HPD6, CPD6 PXD6, HPXD6, SPD6, SHPD6	1200–1600	1–5	300–600 kcmil (Cu or Al)	TA5P600
PD6, PXD6, HPD6, HPXD6, SPD6, SHPD6, RD6, RXD6, HRD6, HRXD6	1200–2000	1–6	300–600 kcmil (Cu or Al)	TA6R600

ⓐ Use TA2K500 or TA3K500 only.
 ⓑ Contains 2 connectors plus 1 NDTs end barrier.
 Ⓒ Contains 3 connectors plus 1 NDTs end barrier.

Lug information

Optional Mechanical Lugs

Selection

For Use With Type	Circuit Breaker Ampere Rating	Cables Per Lug	Lug Material	Lug Wire Range	Qty per Cat. #	Catalogue Number
QJ2, QJH2, QJ2H, HQJ2H	60–225	1	Cu	#6 AWG–250 kcmil (Cu)	1	TC1Q250
ED, HED 2&3 pole	2–3 pole 30-125	1	Cu	#10–#1/0 (Cu)	1	TC1ED6150
HFD6, HHFD6, CFD6, F(X)D6-A	70–250	1	Cu	#6 AWG–350 kcmil (Cu)	1	TC1FD350
J(X)D2(A), J(X)D6(A), HJD6(A), HHJD6, SHJD6(A), L(X)D6(A), HHL6, SCD6, HLD6(A), SHLD6(A), CJD6, CLD6, SCJD6, SCLD6	200–600	1 1–2	Cu	3/0–600 kcmil (Cu) 3/0–500 kcmil (Cu)	1 1	TC1J6600 [Ⓢ] TC2J6500 [Ⓢ]
	250–600	1 1	Al	500–750 kcmil (Al) 500–600 kcmil (Cu)	1	TA1L6750
SMD6, M(X)D6, HM(X)D6, HMD6, CMD6, SCMD6, SND6, N(X)D6, HN(X)D6, SHND6, CND6, SCND6	500–600	1–2	Cu	#1 AWG–500 kcmil (Cu)	1	TC2K500
	700–800	1–3	Cu	#1 AWG–350 kcmil (Cu)	1	TC3K350
		1–2	Al	500–750 kcmil (Cu) 500–750 kcmil (Al)	2 3	2TA2N8750 3TA2N8750
	800–1200	1–3	Al	500–750 kcmil (Cu) 500–750 kcmil (Al)	2 3	2TA3N8750 3TA3N8750
R(X)D6, HR(X)D6	1600–2000	1–5	Cu	300–600 kcmil (Cu)	1	TC5R600
P(X)D6, HP(X)D6, CPD6, SPD6, SHPD6	1200–1600	1–4	Al	600–750 kcmil (Cu/Al)	1	TA4P750

Compression Lugs

For Circuit Breaker Types	Ampere Rating	Poles	Lugs Per Kit	Lug Wire Size	Catalogue Number
Lugs (contains indicated number of lugs and necessary hardware per kit)					
ED2, ED4, ED6, HED4, CED4	15–125	1, 2, 3	1	#2/0 AWG Cu/AL	CCE125
QJ2, QJH2, QJ2-H	125–225	2, 3	1	350 kcmil Cu/AL	CCQ225
F(X)D6-A, HF(X)D6, HHF(X)D6, CFD6	125–250	2, 3	1	350 kcmil	CCF250
JXD2-A, J(X)D6-A, HJ(X)D6-A, HHJ(X)D6-A, CJD6, SJD6-A, SHJD6-A, SCJD6, L(X)D6-A, HL(X)D6-A, CLD6, SLD6-A, SHLD6-A, SCLD6	200–600	2, 3	1	500 kcmil	CCL600
Kits (contain lugs and hardware for complete line or load end of 2 or 3 pole breaker)					
M(X)D6, HM(X)D6, CMD6, SMD6, SHMD6, SCMD6	500–800	2	6	500 kcmil	CCM800K2
		3	9		CCM800K3
N(X)D6, HN(X)D6, CND6, SND6, SHND6, SCND6	900–1200	2	8	500 kcmil	CCN1200K2
		3	12		CCN1200K3

Distribution Lugs[Ⓢ]

For Circuit Breaker Types	Ampere Rating	Poles	Lugs Per kit	Wires Per Lug	Lug Wire Size	Catalogue Number
NGG	15-125	1,2,3	1	6	#6-#4 AL #14-#4 Cu	TA6GG04
NEG, HEG	15-125	1,2,3	3	3	#14-#2 AWG Cu	3TA3EG02
NEG, HEG	15-125	1,2,3	3	6	#14-#6 AWG Cu	3TA6EG06
ED2, ED4, ED6, HED4, HHED6, CED6	15-125	1,2,3	1	6	#14-#4 AWG Cu #6-#4 AWG Al	TA6ED06
F(X)D6-A, HF(X)D6, HHF(X)D6, CFD6	70-250	2,3	1	6	#14-#4 AWG Cu #6-#4 AWG Al	TA6FD04
JXD2-A, J(X)D6-A, HJ(X)D6-A, HHJ(X)D6-A, CJD6-A, SJD6, SHJD6-A, SCJD6, L(X)D6-A, HL(X)D6-A, CLD6-A, SLD6-A, SHLD6-A, SCLD6	200-600	2,3	1	6	#14-2/0 AWG Cu #6-2/0 AWG Al	TA6JD20

[Ⓢ]Used for 100% rated JD/LD frame circuit breakers.

[Ⓢ] Special purpose wire connectors, not for general use.