Series G terminations and accessories

DIN rail adapter

A DIN rail adapter is available on the E-Frame.

Gas barrier 1

The gas barrier provides a shallow option for finger protection to the cable terminations and mounts on the line-side of the E-Frame breaker. This option also helps control the high pressure gases exhausted in the event of a short-circuit.

Rear fed terminals

Rear fed terminals allow the cable to connect to the breaker from the back instead of the top. These can be used in any situation where the breaker is mounted in an orientation that restricts access to the terminals from above.

Terminal shields 2

Terminal shields provide protection against accidental contact with live terminations. The shields are suitable for both line- and load-sides and provide an IP30 rating (field installation only).

End cap kit 3

The end cap kit slides onto the line or load conductor of the circuit breaker and acts as a threaded adapter for the conductor to accept a ring terminal, bus bar or other bolt-on connector. The end cap kit is available with imperial and metric thread sizes. Hardware is included.

Control wire terminal kit

The control wire terminal kit provides a means to tap off control power from a main disconnect using the provided male end of a quick disconnect.

Edgewise extensions

The edgewise extensions rotate the cable connection 90°, which provides additional flexibility for cable connections.

Terminal extensions and spreaders

Terminal extensions and spreaders allow more connection flexibility by bringing the breaker terminations outside of the breaker frame.

Multiwire connectors 4

Multiwire connectors are field-installed multiwire connectors for the load-side terminals. They are used to distribute the load from the circuit breaker to multiple devices without the use of separate distribution terminal blocks.

Multiwire lug kits include terminal shields, mounting hardware, insulators and tin-plated aluminum connectors to replace three mechanical load lugs. They are UL® listed for copper only as used on the load-side (OFF) end.

Interphase barriers 5

The interphase barriers provide additional electrical clearance between circuit breaker poles for special termination applications.

The barriers are high dielectric insulating plates that are installed in the molded slots between the terminals (field installation only).

EATON
Powering Business Worldwide

Terminations and accessories

Accessory Type		Number of Poles	Frame Catalog Number				
			EG and GE	JG and GJ	LG and GL	NG and GN	RG and GR
Edgewise extension		3	—	**FJTEE3**	—	—	—
		4	—	**FJTEE4**	—	—	—
End cap kits	Metric	3	**EF3RTWK**	**FJ3RTWK**	**L3RTWK**	—	—
		4	**EF4RTWK**	**FJ4RTWK**	**L4RTWK**	—	—
	Imperial	3	**EF3RTDK**	**FJ3RTDK**	—	—	—
		4	**EF4RTDK**	**FJ4RTDK**	—	—	—
Control wire terminal kit		—	**GCWTK**	**FJCWTK**	—	—	—
Interphase barriers		—	**EIPBK**	—	—	**IPB5**	—
		3	—	**FJIPBK**	—	—	—
		4	—	**FJIPBK4**	—	—	—
DIN rail		3 or 4	**EF34DIN**	—	—	—	—
Multiwire connectors		—	**3TA125E3K**	**3TA250FJ3**	—	—	—
		—	**3TA125E6K**	**3TA250FJ6**	**3TA600L6K**	—	—
Terminal shields		2	—	**FJTS3K**	—	—	—
		3	**EFTS3K**	**FJTS3K**	—	—	—
		4	**EFTS4K**	**FJTS4K**	—	—	—
Terminal end covers (gas barrier)		3	**EEC3K**	—	—	—	—
		3	**EEC4K**	—	—	—	—
Terminal covers		3	—	—	**LTS3K**	—	—
		4	—	—	**LTS4K**	—	—
Terminal extensions		3	—	—	**LGTEW3**	—	—
		4	—	—	**LGTEW4**	—	—
Terminal spreaders		3	—	—	**LGTES3**	—	—
		4	—	—	**LGTES4**	—	—
Single handle extension		—	—	—	—	**HEX5**	**HEX6**

Series G® rear fed terminals

Frame	Catalog Number	Maximum Amperes	Wire Size Range AWG Cu
JG	**TA250JGRF**	250	#4–350 kcmil
JG	**3TA250JGRF**	250	#4–350 kcmil
LG	**TA350LKRF**	400	2–500 kcmil
LG	**3TA350LKRF**	400	2–500 kcmil
LG	**TA632LKRF**	630	2–500 (2) kcmil
LG	**3TA632LKRF**	630	2–500 (2) kcmil

Note: # indicates number of cables per terminal when there are more than one.

Series C® rear fed terminals

Frame	Catalog Number	Maximum Amperes	Wire Size Range AWG Cu
FD	**TA150FDRF**	150	14–4/0
FD	**3TA150FDRF**	150	14–4/0
FD	**TA225FDRF**	225	6–300 kcmil
FD	**3TA225FDRF**	225	6–300 kcmil
KD	**TA350KRF**	400	250–500 kcmil
KD	**3TA350KRF**	400	250–500 kcmil
MDL	**TA800MDLRF**	800	3/0 MAX (3)
MDL	**3TA800MDLRF**	800	3/0 MAX (3)

Terminations and accessories (pressure type terminals)

Frame	Maximum Breaker Amperes	Terminal Body Material	Wire Type	Hardware	Metric Wire Range mm²	AWG/kcmil Wire Range	Number of Conductors Included	Number of Terminals Included	Catalog Number
EG and GE	125	Steel	Cu/Al	—	2.5–95	#14–3/0	—	—	**3T125EF** ❶❷
	125	Aluminum	Cu/Al	—	2.5–50	#14–1/0	—	—	**3TA125EF** ❶
	125	Aluminum	Cu/Al	—	16–95	#6–3/0	—	—	**3TA150EF** ❶
	160	Aluminum	Cu/Al	—	35–120	#3–250	—	—	**3TA160EFK** ❶❸
	160	Aluminum	Cu/Al	—	35–120	#3–250	—	—	**4TA160EFK** ❶❹
JG and GJ	250	Stainless Steel	Cu	—	25–185	#4–350	1	—	**T250FJ** ❺❻
	250	Aluminum	Cu/Al	—	25–185	#4–350	1	—	**TA250FJ** ❺
LG and GL	400	Aluminum	Cu/Al	—	240–380 (1)	500–750	1	3	**3TA631LK** ❼
	400	Aluminum	Cu/Al	—	240–380 (1)	500–750	1	4	**4TA631LK** ❼
	400	Copper	Cu	—	240–380 (1)	500–750	1	3	**3T631LK** ❼
	400	Copper	Cu	—	240–380 (1)	500–750	1	4	**4T631LK** ❼
	630	Aluminum	Cu/Al	—	35–240 (2)	2–500	2	3	**3TA632LK** ❼❽
	630	Aluminum	Cu/Al	—	35–240 (2)	2–500	2	4	**4TA632LK** ❼❽
	630	Copper	Cu	—	35–240 (2)	2–500	2	3	**3T632LK** ❼
	630	Copper	Cu	—	35–240 (2)	2–500	2	4	**4T632LK** ❼
	400	Aluminum	Cu/Al	—	35–240 (1)	2–500	1	1	**TA350LK** ❽
	400	Copper	Cu	—	35–240 (1)	2–500	1	1	**T350LK**
NG and GN	1250 ❾	Copper	Cu	—	95–185	3/0–400	4	—	**T1200NB3M** ❿
RG and GR	1600	Aluminum	Cu/Al	Metric	300–500	500–1000	4	—	**TA1600RDM** ⓫
	1600	Copper	Cu	Metric	50–300	1–600	4	—	**T1600RDM** ⓫
	2000	Aluminum	Cu/Al	Metric	35–300	2–600	6	—	**TA2000RDM** ⓬
	2000	Copper	—	Metric	—	—	—	—	**B2016RDM** ⓫
	2000	Copper	—	Metric	—	—	—	—	**B2016RDLM** ⓫
	2000	Copper	—	Metric	—	—	—	—	**B2500RDM** ⓫

❶ Package of three terminals.

❷ Standard line and load terminals included with EG-Frame MCCBs.

❸ Three terminals with terminal shield.

❹ Four terminals with terminal shield.

❺ Single terminals individually packed.

❻ Standard line and load terminals.

❼ Includes LTS3K (three-pole) or LTS4K (four-pole) terminal covers.

❽ Standard terminal included with complete breaker.

❾ Not suitable with 1600 ampere frame version.

❿ Single terminals individually packed.

⓫ Order one per pole—single terminals individually packed.

⓬ Order one TA2000RD kit per three-pole. Catalog number includes bus connection, terminals and hardware for either line-side or load-side of three-pole breaker.

Note: RG MCCBs have metric threading of the line and load conductors. Use RD MCCBs if imperial threading is required.

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