CATALOG NUMBER

ECSBPK07

electriCenter ACCESSORIES

Breaker Interlock

FOR USE ON SIEMENS AND MURRAY PRODUCTS
Interlocks two type QNR (Siemens) or two type MD-TR (Murray) breakers-reversible for two type QN (Siemens) or two type MD-T (Murray)

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INSTALLATION INSTRUCTIONS

⚠ DANGER

Hazardous Voltage. Will cause death or serious injury.

Disconnect power before working on this equipment.

⚠ PELIGRO

Voltaje peligroso. Causará la muerte o heridas graves.

Desconectar la energía antes de trabajar en este equipo.

1) Turn off and lock off all power to the panel. Make sure all breakers being interlocked are in the "OFF" position.
2) Remove the trim or dead front (metal panel cover) if attached.
3) Install utility main breaker** and standby power breaker into the panel as shown (Fig 1). At least one of the hold down screws provided with the QN (MD-T) breakers must be installed.
4) If breaker types being installed are QN or MD-T, proceed to step 5), else proceed to step 6).
5) Remove the sliding mechanism by removing the screw. Flip the mechanism over so that the letters "QN" are showing (Fig 2). Reinstall screw.
6) Place the interlock assembly onto the breakers as shown and install mounting screws (Fig 3). Tighten to 7-10 inch pounds.
7) Verify that linkage prevents both breakers from being in the "ON" position at the same time.
8) Identify utility and standby power breakers and place appropriate labels onto the face of the interlock assembly as shown (Fig 2).
9) Reinstall the trim or dead front and reconnect power.
10) If not already in place on the load center, apply adhesive backed label containing kit number ECSBPK07 in the vicinity of the wiring diagram.
**Main breaker may already be installed

4819925 Rev.E

Siemens Industry, Inc. Norcross, Georgia U.S.A. Assembled in Mexico

FIG. 1 Breaker Alignment

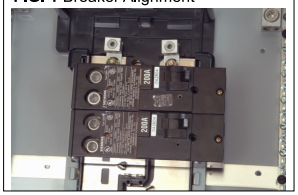


FIG. 3 Install Interlock

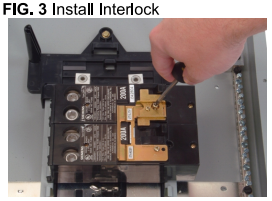
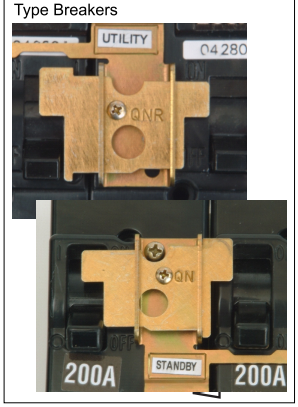


FIG. 2 Adjusting for QN (MD-T) Type Breakers



Standby power manual transfer interlock kits are intended to interlock two main breakers together so that both cannot be "ON" at the same time. This allows one main breaker to be connected to the incoming utility service, while the other is connected to a standby power supply. It is critical that both main breakers not be "ON" at the same time to eliminate hazardous line feedback.

When this interlock kit is installed, it is critical that the incoming service is directly connected to one of the main breakers being interlocked (Fig A). Panels in which the bussing or wire forms land onto lugs, rather than directly to the main, are not suitable for use with interlock kits because turning the main breaker off does not eliminate dangerous feedback to the utility lines (Fig B). Examples of some devices that are **not suitable** for interlock kits are listed below.

Devices **not suitable** for use with interlock kits for use in optional standby power systems

JA004*	MC0606L1200*
JA0606L1200*	MC0606ML12*
JA1212L*	MC1212L*
JA904*	MC1224MC1200*
JA912CS	MM0406L1*
JC0406L*	MM0406ML1*
JR912CS	

Fig. A

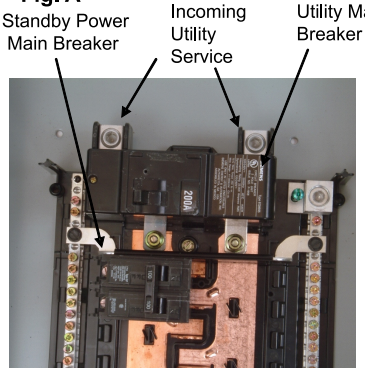
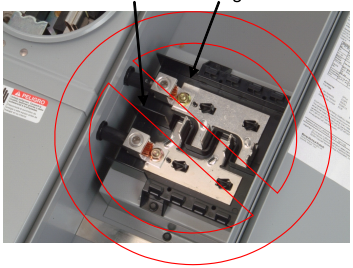


Fig. B



The "*" stands for a wild card that may be one or more numbers and/or letters

This interlock kit is suitable for use on the catalog numbers listed in the table below when installed in accordance to NEC® and this instruction sheet.

ECSBPK07		
G1224L1200CU	LC024PFR	MC0816B1***T
G2030L1150*	LC1632L1150	MC0816B1***TH
G2040L1200*	LC2040L1200*	MC0816B1200RT*
G2440L1200*	LC2440L1150	MC2040B1150
G30**L1200*	LC2440L1200	MC2040B1200
G4040L1200*	LC3040L1200*	MC2040B1200R
G4242L1225CU	LC4040L1200*	W0404MB1200CT
JA0816B1***RTH	LW004TR	W0816L1200CT
JA0816B1***TH	LW0816L1200TR	W1224L12**CU
JA0816B1200RT	LW1224L1200	W2030L1150CU
JA0816B1200T	LW2040L1200	W2040L1200CU
JA0816B1400RLTM	LW3040L1200	W3040L1200CU
JA2040B1150	MC0816B1***RLTM	W4040L1200CU
JA2040B1200	MC0816B1***RTH	W4242L1225CU

NOTE: An "*" in the middle of the catalog number is a wild card that represents ONE letter or number.

If the "*" is at the end of the catalog number, it represents one or more letters or numbers.

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