

# Model FAC-MUR100PUL



## Breaker Interlock

FOR USE ON SIEMENS AND MURRAY PRODUCTS  
Interlock breaker types: QP to QP (Siemens) or types MP-T to MP-T (Murray)

### INSTALLATION INSTRUCTIONS

#### ⚠ DANGER

**Hazardous Voltage. Will cause death or serious injury.**

Disconnect power before working on this equipment.

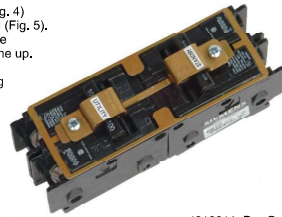


#### ⚠ PELIGRO

**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 the utility main breaker\*\* and standby power main breakers into the panel opposite one another as shown (Fig. 2). Depending on the panel type, there may be a main breaker hold down kit that must be removed in order to install the standby power main breaker.
  - 4) Install the breaker retainer to front face of the breakers making sure that the retainer seats along the breaker ridge (Fig. 3).
  - 5) Place retainer clips under breaker handles as shown (Fig. 4).
  - 6) Attach interlock linkage to the clips with screws provided (Fig. 5). Make sure that the dimple on each clip lines up with the hole in the interlock linkage, otherwise the screw holes will not line up.
  - 7) Tighten screws to 7-10 inch-lbs.
  - 8) Verify that the linkage prevents both breakers from being in the "ON" position at the same time.
  - 9) Apply the "Utility" and "Standby" labels on the interlock Linkage next to the appropriate breaker.
  - 10) Reinstall the trim or dead front and reconnect power.
  - 11) If not already applied to the load center, apply adhesive backed label containing kit number ECSBPK01 in the vicinity of the wiring diagram.
- \*\* Main breaker may already be installed



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Siemens Industry, Inc. Norcross, Georgia U.S.A.

Assembled in Mexico

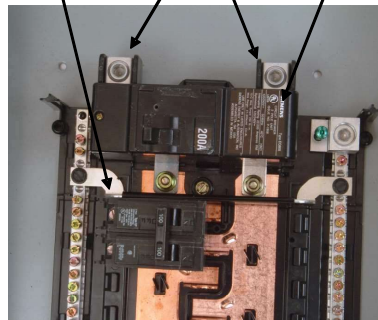
Standby power manual transfer interlock kits are intended to interlock two main breakers together so that both cannot be "ON" at the same time. This allows one main breaker to be connected to the incoming utility service, while the other is connected to a standby power supply. It is critical that both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

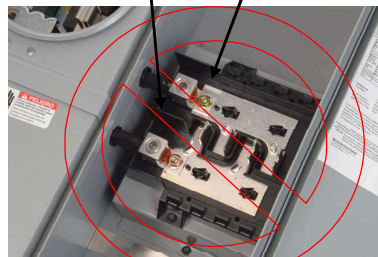
Devices **not suitable** for use with interlock kits for use in optional standby power systems

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

**Fig. A**  
Standby Power Main Breaker    Incoming Utility Service    Utility Main Breaker

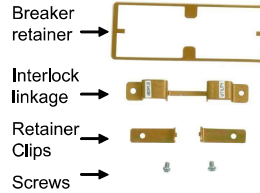


**Fig. B**  
Wire Forms    Lugs

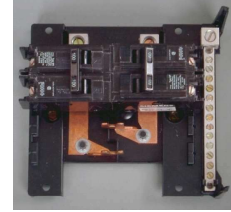


The "\*" stands for a wild card that may be one or more numbers and/or letters

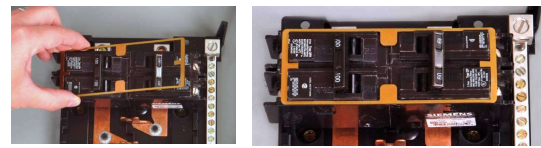
**FIG. 1 Parts Included**



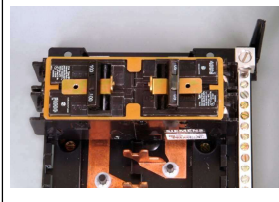
**FIG. 2 Breaker Alignment**



**FIG. 3 Install Breaker Retainer**



**FIG. 4 Installing Retainer Clips**



**FIG. 5 Completing Assembly**



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.

ECSBPK01	
E0816ML1125*	LC3040L1*
E1020MB1100FCGP	LC4040L1200*
E1224ML1100*	LC4242L1225CU
G12**L1*	LW008NR
G1624L1125*	LW0816L1200TR
G20*L1*	LW1224L1*
G24**L1*	LW1632L1125
G30**L1*	LW2040L1*
G4040L1*	LW3040L1200
G4242L1225CU	MC1224B1125
JA110A*	W0816L1200CT
LC008D*	W0816ML1125CU
LC024PFR	W12**L1*
LC110DFCGP	W1624L1125CU
LC1224L1125	W20**L1*
LC1632L1*	W3040L1*
LC2040L1*	W4040L1200CU
LC2440L1*	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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