

Model
MUR100UL



Breaker Interlock

FOR USE ON SIEMENS AND MURRAY PRODUCTS
Interlocks Ultimate and Rock Solid main breakers (125A or less) to breaker types OP (Siemens) or MPT (Murray)

INSTALLATION INSTRUCTIONS

⚠ DANGER

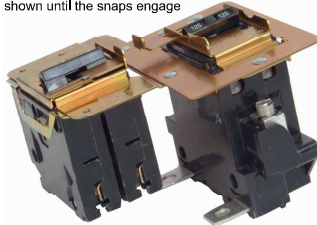
Hazardous Voltage. Will cause death or serious injury.
Disconnect power before working on this equipment.



⚠ 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 utility main breaker** and standby power breaker into the panel as shown (Fig. 1). There will not be access to the breaker lugs once the interlock is installed, therefore make sure that the breakers are wired before installing the interlock kit.
 - 4) Push the interlock assembly onto the breakers as shown until the snaps engage the standby and utility breakers (Fig. 2).
 - 5) Verify that linkage prevents both breakers from being in the "ON" position at the same time.
 - 6) Reinstall the trim or dead front and reconnect power.
 - 7) If not already applied to the load center, apply adhesive backed label containing kit number ESCBPK04 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

FIG. 1 Breaker Alignment

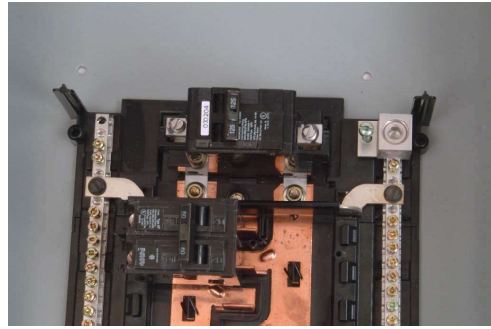
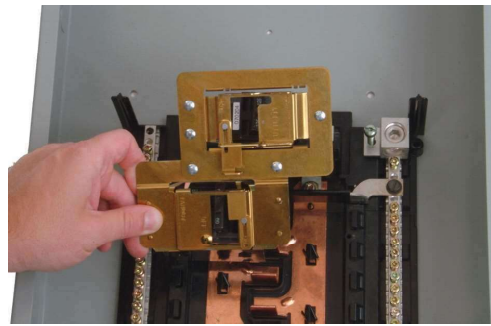


FIG. 2 Install Interlock



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

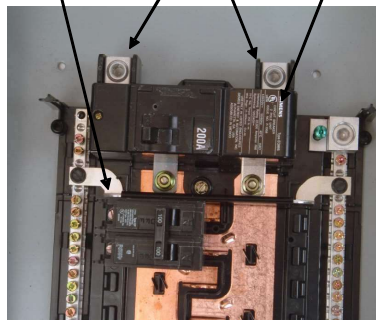
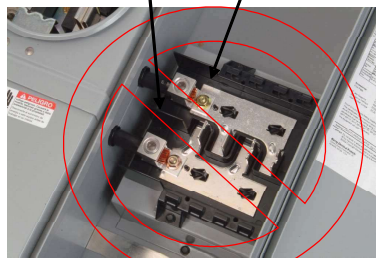


Fig. B
Wire Forms Lugs



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

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.

| ESCBPK04 | |
|--------------|--------------|
| G12**L1125* | LC2040L1125* |
| G1224B1100* | LC2440B1100 |
| G1624B1100* | LC3040B1100 |
| G1624L1125* | LC3040L1125 |
| G20**L1125* | LW1224B1100 |
| G2020B1100* | LW1224L1125 |
| G24**L1125* | LW1632B1100 |
| G2424B11* | LW1632L1125 |
| G3030B1100CU | LW2040L1125 |
| G3040L1125CU | W12**L1125CU |
| G4040L1125CU | W1224B1100CU |
| LC1224B1100 | W1624B1100CU |
| LC1224L1125 | W1624L1125CU |
| LC1632L1125 | W2020B1100CU |
| LC2040B1100* | W3040L1125CU |

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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