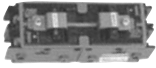

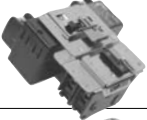



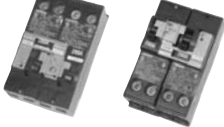



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Standby Power Manual Transfer Interlock Kits

FEATURES

- UL listed
- For use only on Siemens and Murray products
- Mechanically interlocks two main breakers so that both circuit breakers cannot be "ON" at the same time, converting the panel into a standby power panel
- Wide product offering range to cover most Siemens and Murray load centers and meter combinations
- Corrosion resistant finish
- Easy assembly
- Durable, reliable steel construction
- Requires no modification to load center or meter combination covers
- Remains attached to circuit breakers when cover is removed

Interlock Kit Offering	Catalog Number	Utility Main Breaker Type	Standby Main Breaker Type
	ECSBPK01	QP, QPH, HQPH, MP-T MP-HT, MP-MT	QP, QPH, HQPH, MP-T, MP-HT, MP-MT
	ECSBPK02	QP, QPH, HQPH, MP-T MP-HT, MP-MT	QP, QPH, HQPH, MP-T, MP-HT, MP-MT
	ECSBPK03	MBKXXXA, MBKXXXM where "XXX" is 150 or higher	QP, QPH, HQPH, MP-T, MP-HT, MP-MT
	ECSBPK04	MBKXXXA, MBKXXXM where "XXX" is 125 or lower	QP, QPH, HQPH, MP-T, MP-HT, MP-MT
	ECSBPK05	QNR, QNRH, HQNR MD-TR, MD-HTR, MD-MTR	QP, QPH, HQPH MP-T, MP-HT, MP-MT
	ECSBPK06	QN, QNH, HQN, MD-T MD-HT, MD-MT	QP, QPH, HQPH, MP-T, MP-HT, MP-MT
	ECSBPK07 ①	QNR, QNRH, HQNR, MD-TR, MD-HTR, MD-MTR	QNR, QNRH, HQNR MD-TR, MD-HTR, MD-MTR
		QN, QNH, HQN, MD-T MD-HT, MD-MT	QN, QNH, HQN, MD-T MD-HT, MD-MT
	ECSBPK08 ②	QPP, QPPH, MPP MPP-HT	QP, QPH, HQPH, MP-T MP-HT, MP-MT

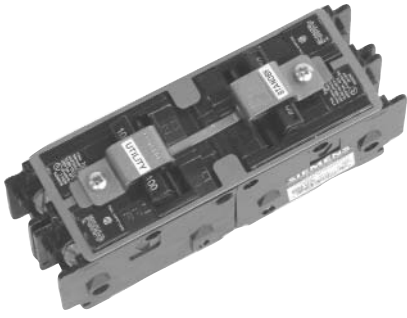
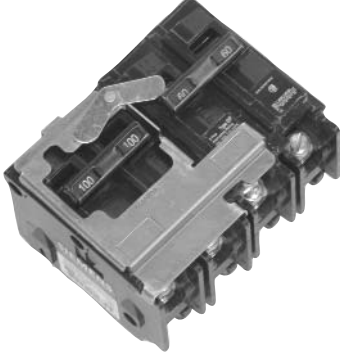
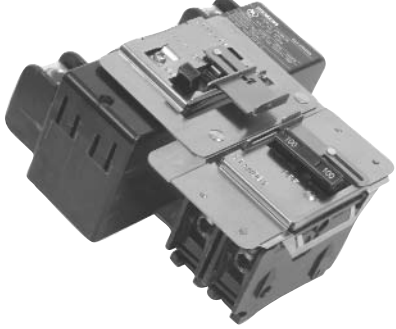
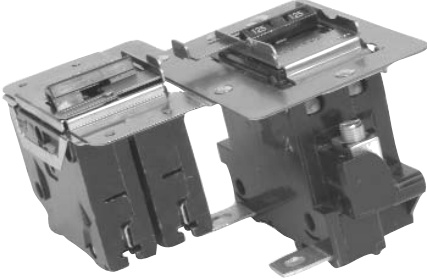
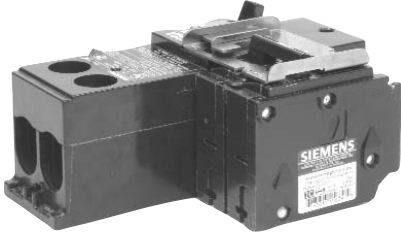
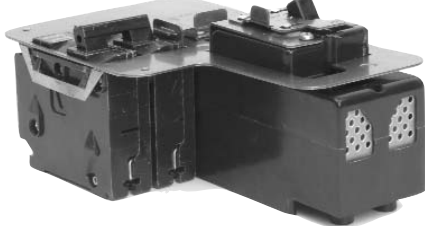
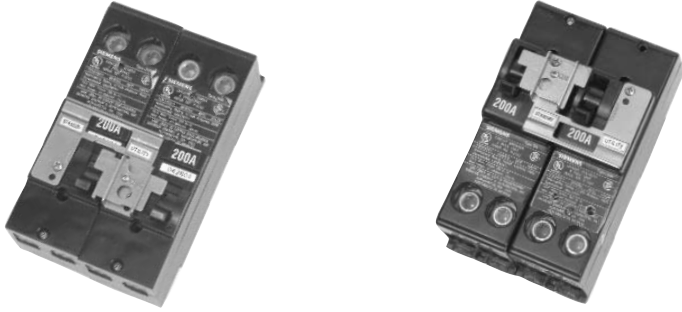

① ECSBPK07 is interchangeable between circuit breaker types. For horizontal applications, typical in most load centers, QN (MD-T) style circuit breakers are not recommended.

② limited to specific meter combination catalog numbers.

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Standby Power Manual Transfer Interlock Kits

 <p>ECSBPK01</p> <p><u>Utility Main Breaker</u> QP, QPH, HQPH, MP-T MP-HT, MP-MT</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>	 <p>ECSBPK02</p> <p><u>Utility Main Breaker</u> QP, QPH, HQPH, MP-T MP-HT, MP-MT</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>	 <p>ECSBPK03</p> <p><u>Utility Main Breaker</u> MBKXXXA, MBKXXXM where "XXX" is 150 or higher</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>
 <p>ECSBPK04</p> <p><u>Utility Main Breaker</u> MBKXXXA, MBKXXXM where "XXX" is 125 or lower</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>	 <p>ECSBPK05</p> <p><u>Utility Main Breaker</u> QNR, QNRH, HQNR MD-TR, MD-HTR MD-MTR</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>	 <p>ECSBPK06*</p> <p><u>Utility Main Breaker</u> QN, QNH, HQN, MD-T MD-HT, MD-MT</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T, MP-HT, MP-MT</p>
 <p>ECSBPK07</p> <p><u>Utility Main Breaker</u> QNR, QNRH, HQNR MD-TR, MD-HTR MD-MTR</p> <p>OR</p> <p><u>Utility Main Breaker</u> QN, QNH, HQN, MD-T MD-HT, MD-MT</p> <p><u>Standby Main Breaker</u> QNR, QNRH, HQNR, MD-TR, MD-HTR, MD-MTR</p> <p><u>Standby Main Breaker</u> QN, QNH, HQN, MD-T MD-HT, MD-MT</p>		 <p>ECSBPK08</p> <p><u>Utility Main Breaker</u> QPP, QPPH, MPP MPP-HT</p> <p><u>Standby Main Breaker</u> QP, QPH, HQPH, MP-T MP-HT, MP-MT</p>

* QN (MD-T) circuit breaker frames are recommended only for use in vertical applications as shown.

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Standby Power Manual Transfer Interlock Kits Applications

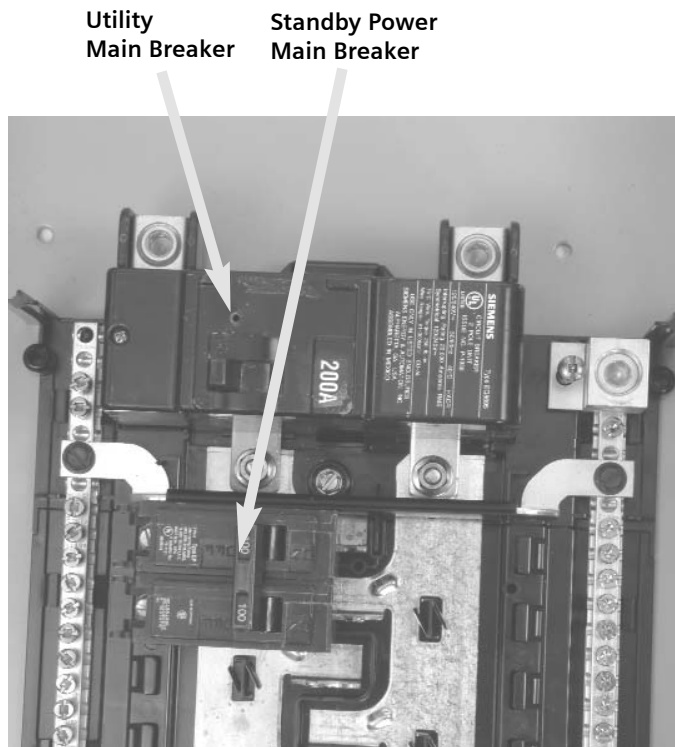


Figure 1

To activate standby power the utility main breaker must be in the "OFF" position so that feedback from the generator cannot travel upstream to the utility power lines. This is accomplished by installing the interlock kit on the utility main breaker and the generator main breaker. The kit prevents both circuit breakers from being "ON" at the same time.



Figure 2



Figure 3

Panels in which the bussing or wire forms from the meter socket land on main lugs (Figures 2 and 3) **are not acceptable** for use in standby systems because turning the main breaker to "OFF" does not prevent feedback to the utility power lines.

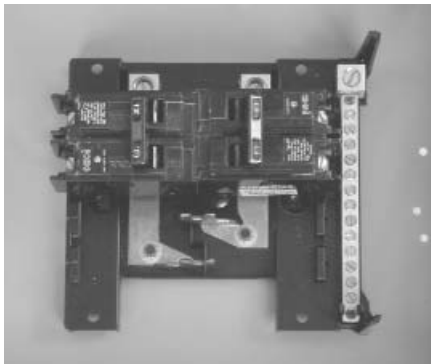
Examples of devices that cannot be used in standby systems

JA004CW	JC0406L1200RH	MM0406L1125FEC
JA004CY	JC0406L1200RHJB	MM0406L1125SEC
JA0606L1200C	JC0406L1200SEC	MM0406L1200FEC
JA0606L1200RC	JR912CS	MM0406L1200H
JA1212L1200FED	MC0606L1200RC	MM0406L1200RH
JA1212L1200SED	MC0606L1200RCA	MM0406L1200RHJB
JA904CW	MC0606L1200RJB	MM0406L1200SEC
JA904CY	MC0606ML1200R	MM0406ML1125F
JA912CS	MC0606ML12RB	MM0406ML1125S
JC0406L1125FEC	MC1212L1200FED	MM0406ML1200F
JC0406L1125SEC	MC1212L1200SED	MM0406ML1200S
JC0406L12001200H	MC1224MC1200F	-
JC0406L1200FEC	MC1224MC1200S	-

Standby power interlock kits are not intended for use on AFCI, GFCI, 3-pole or 1/2" frame circuit breakers, or 4 space, 125 amp load centers.

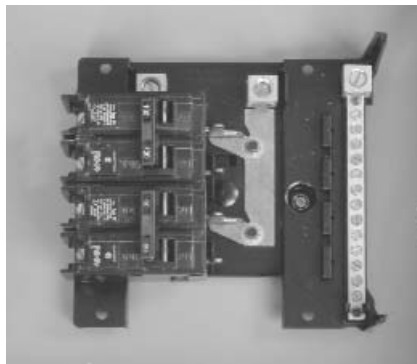
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Standby Power Manual Transfer Interlock Kits Applications



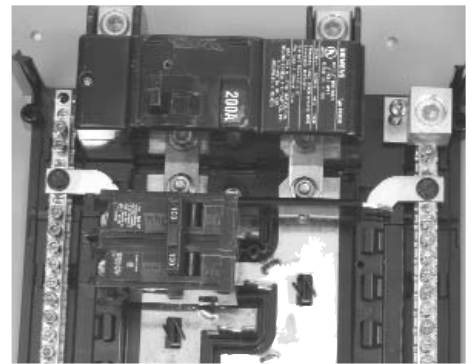
ECSBPK01

For use on load centers or meter combinations that will accept 2-pole circuit breakers opposite one another as shown.



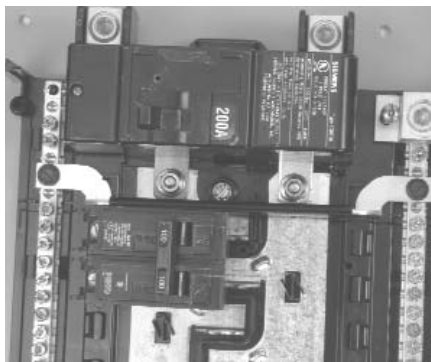
ECSBPK02

For use on load centers or meter combinations that will accept 2 or 4-pole next to a 2-pole circuit breaker side by side as shown.



ECSBPK03

For use on Ultimate™ and Rock Solid load centers 150 amp and higher to connect the main breaker to a 2-pole circuit breaker.



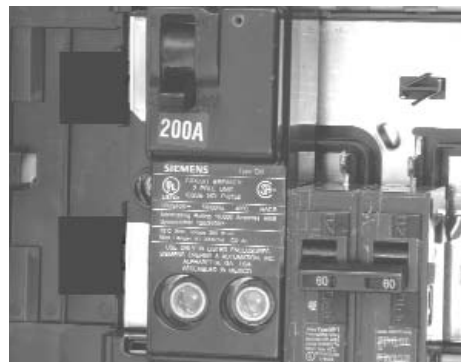
ECSBPK04

For use on Ultimate and Rock Solid load centers 125 amp and lower to connect the main breaker to a 2-pole circuit breaker.



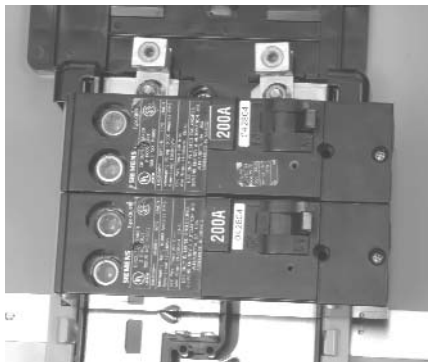
ECSBPK05

For use on load centers or meter combinations that will accept a QNR (MD-TR) frame circuit breaker next to a 2-pole circuit breaker as shown.



ECSBPK06*

For use on load centers or meter combinations that will accept a QN (MD-T) frame circuit breaker next to a 2-pole circuit breaker as shown.

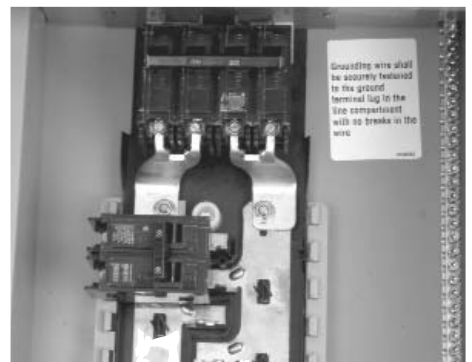


ECSBPK07

For use on load centers or meter combinations that will accept two QNR (MD-TR) circuit breakers side by side as shown.

OR

For use on load centers or meter combinations that will accept two QN (MD-T)* circuit breakers side by side as shown.



ECSBPK08

For use on 8 space, over/under, OH/UG feed meter combinations as shown. Limited application to specific catalog numbers .

* QN (MD-T) circuit breaker frames are recommended only for use in vertical applications as shown.

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Acceptable Interlock Kits by Device

Siemens Indoor Load Centers

E0816ML1125*	1 2
E1020MB1100FCGP	1 2
E1224ML1100*	1 2
G1212L1125*	1 2 4
G1224B1100*	4
G1224L1125*	1 2 4
G1224L1200CU	1 2 3 5 6 7
G1624B1100*	4
G1624L1125*	1 2 4
G1630B1150	3
G2020B1100*	4
G2020L1125*	1 2 4
G2030B1150*	3
G2030L1125CUSG	1 2 4
G2030L1150*	1 2 3 5 6 7
G2040B1200*	3
G2040L1200*	1 2 3 5 6 7
G2424B1100CU	4
G2424B1125	4
G2424L1125	1 2 4
G2430B1150	3
G2430L1125CUSG	1 2 4
G2440B1200	3
G2440L1125CU	1 2 4
G2440L1200*	1 2 3 5 6 7
G3030B1100CU	4
G3030B1150*	3
G3030L1200*	1 2 3 5 6 7
G3040B1200*	3
G3040L1125CU	1 2 4
G3040L1200*	1 2 3 5 6 7
G4040B1200*	3
G4040L1125CU	1 2 4
G4040L1200*	1 2 3 5 6 7
G4242B1225CU	3
G4242L1225CU	1 2 3 5 6 7

Murray Indoor Load Centers

LC008D*	1 2
LC024PFR	1 2 5 6 7
LC110DFCGP	1 2
LC1224B1100	4
LC1224L1125	1 2 4
LC1632B1150	3
LC1632B1200	3
LC1632L1125	1 2 4
LC1632L1150	1 2 3 5 6 7
LC2040B1100*	4
LC2040B1150	3
LC2040B1200*	3
LC2040L1125*	1 2 4
LC2040L1200*	1 2 3 5 6 7
LC2440B1100	4
LC2440B1150	3
LC2440B1200	3
LC2440L1150	1 2 3 5 6 7
LC2440L1200	1 2 3 5 6 7
LC3040B1100	4
LC3040B1150	3
LC3040B1200*	3
LC3040L1125	1 2 4
LC3040L1200*	1 2 3 5 6 7
LC4040B1200*	3
LC4040L1200*	1 2 3 5 6 7
LC4242L1225CU	1 2 3

*Wild card used for one or more numbers and/or letters. ex: E0816ML1125 could be E0816ML1125FCU.

Numbers 1 through 8 in these tables represent the last digit in each interlock kit catalog number. Example: 1 = ECSBPK01

Siemens Outdoor Load Centers

W0404MB1200CT	5 7
W0816B1200CT	3
W0816L1200CT	1 2 3 5 6 7
W0816ML1125CU	1 2
W1212L1125CU	1 2 4
W1224B1100CU	4
W1224L1125CU	1 2 4
W1224L1200CU	1 2 3 5 6 7
W1224L1225CU	1 2 3 5 6 7
W1624B1100CU	4
W1624L1125CU	1 2 4
W2020B1100CU	4
W2030L1150CU	1 2 3 5 6 7
W2040B1200CU	3
W2040L1200CU	1 2 3 5 6 7
W3040B1200CU	3
W3040L1125CU	1 2 4
W3040L1200CU	1 2 3 5 6 7
W4040B1200CU	3
W4040L1200CU	1 2 3 5 6 7
W4242B1225CU	3
W4242L1225CU	1 2 3 5 6 7

Murray Outdoor Load Centers

LW004TR	2 5 6 7
LW008NR	1 2
LW0816L1200TR	1 2 3 5 6 7
LW1224B1100	4
LW1224B1200	3
LW1224L1125	1 2 4
LW1224L1200	1 2 3 5 6 7
LW1632B1100	4
LW1632L1125	1 2 4
LW2040B1150	3
LW2040B1200	3
LW2040L1125	1 2 4
LW2040L1200	1 2 3 5 6 7
LW3040B1200	3
LW3040L1200	1 2 3 5 6 7
LW4040B1200	3

When used in horizontal positions as typical in most load centers, ECSBPK07 is recommended for use only with QNR and MD-TR type circuit breakers.

Standby power interlock kits are not intended for use with AFCI, GFCI, 3-pole or 1/2" frame circuit breakers and 4 space, 125 amp load centers.

Siemens Meter Combinations

MC0816B1150RTH	5 7
MC0816B1150T	5 7
MC0816B1150TH	5 7
MC0816B1200FCTM	2
MC0816B1200RT	5 7
MC0816B1200RTB	5 7
MC0816B1200RTH	5 7
MC0816B1200SCTM	2
MC0816B1200T	5 7
MC0816B1200TH	5 7
MC0816B1350RLTM	5 7
MC0816B1400RLTM	5 7
MC1224B1100FEC	2
MC1224B1100SEC	2
MC1224B1125	1 2
MC1224B1125FEC	2
MC1224B1125SEC	2
MC1632B1100SEC	2
MC1632B1125FEC	2
MC2040B1150	5 7
MC2040B1200	5 7
MC2040B1200R	5 7
MC2442B1200FEC	2
MC2442B1200SEC	2
MC3040B1200SECU	5 7
MC3042B1200FED	3
MC3042B1200SED	3
MC3042B1225FED	3
MC3042B1225SED	3
MC4040B1200SECU	5 7
MC0816B1200RJT	8
MC0816B1150RJT	8
MC0816B1200RCT	8
MC0816B1150RCT	8
MC0816B1200CT	8
MC0816B1150CT	8

Murray Meter Combinations

JA0816B1150RTH	5 7
JA0816B1150TH	5 7
JA0816B1200RT	5 7
JA0816B1200RTH	5 7
JA0816B1200SCTM	2
JA0816B1200T	5 7
JA0816B1200TH	5 7
JA0816B1400RLTM	5 7
JA110A*	1 2
JA1224B1100FEC	2
JA1224B1100SEC	2
JA1224B1125SEC	2
JA1632B1100SEC	2
JA2040B1150	5 7
JA2040B1200	5 7
JA2040B1200FED	3
JA2040B1200SED	3
JA2442B1200FEC	2
JA2442B1200SEC	2
JA3040B1200SECU	5 7
JA3042B1200FED	3
JA3042B1200SED	3
JA3042B1225FED	3
JA3042B1225SED	3
JA4040B1200SECU	5 7
JA0816B1200RCT	8
JA0816B1150RCT	8
JA0816B1200CT	8
JA0816B1150CT	8