

SAXSEL, SAXSEP Current Limiter

Installation Instructions DEH-4671

For use with 3 pole type SEL/SEP Spectra® RMS circuit breaker.

Instructions:

Select a 3 pole Type SEL/SEP Spectra® RMS circuit breaker with its ampere rating equal to or less than the SAXSEL, SAXSEP current limiter's ampere rating.

| CATALOG NUMBER | | | |
|----------------|----------------|-----------------------------|---|
| Ampere Rating | Add ON Limiter | Interrupting rating at 600V | For use with circuit breaker catalog type |
| 150 | SAXSEL36150 | 65,000 (Sym) | SELA36***** |
| 150 | SAXSEP36150 | 100,000 (Sym) | SEPA36***** |

Contents of kit:

- Qty (1) SAXSEL or SAXSEP current limiter.
- Qty (3) 1/4 - 28 X 1/2" screws.
- Qty (2) 8 - 32 X 2-7/8" screws.

CAUTION

- When installing accessories, the breaker must be completely deenergized and disconnected from the electrical circuit.
- Connect the current limiter on the load end of the circuit breaker.

Assembly Instructions:

- Remove lugs (if present) from load end of circuit breaker.
- Attach current limiter line terminals to circuit breaker load terminals using (3) 1/4 - 28 screws provided. Torque to 30 - 35 in. lbs (Figure 2)
- Attach qty (3) lugs (not provided) to current limiter load terminals. (Select lugs for limiter from Table 1).
- Mount the breaker/limiter assembly into equipment using mounting screw kit SEMSK1 or SEMSK3 (not provided). **Caution:** The back surface of the limiter does not lie in the same plane as the back surface of the breaker (figure 3). If the mounting surface of the equipment extends in back of the limiter, accommodate the offset by shimming the breaker or offsetting the mounting surface. Securing the limiter to the mounting plate is optional - use qty (2) 8 - 32 screws provided (Figure 2 & 3).

NOTES:

- SAXSEL/SAXSEP current limiter can be used with 3 pole Type SEL/SEP Spectra® RMS motor circuit protector however, the interrupt rating is based on evaluation as part of a combination motor controller per UL508/845.
- If plunger(s) is extended, current limiter must be replaced.

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company. The breaker is a sealed unit, which contains no user serviceable parts. Tampering with seal will void warranty.

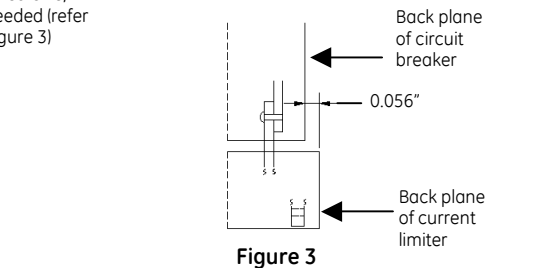
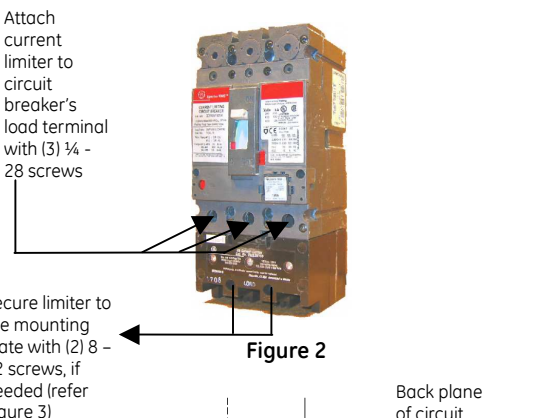
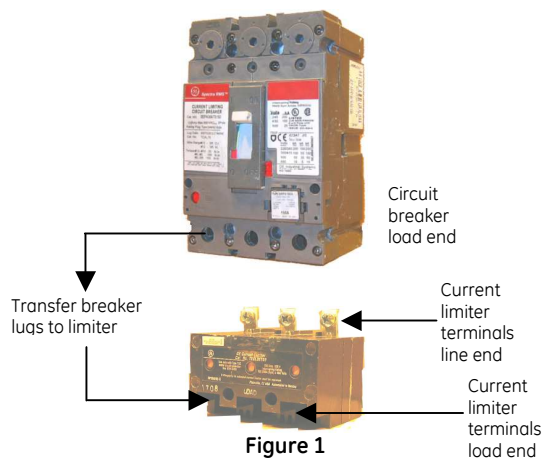


Table1

| LUG | AMPACITY | WIRE RANGE |
|---------|-----------|----------------------------|
| TCAL14 | 15-30 A | (1) # 14-8 Cu, # 12-8 Al |
| TCAL12 | 15-60 A | (1) # 14-3 Cu, # 12-1 Al |
| TCAL12A | 70-90 A | (1) # 6-2/0 Cu, # 4-2/0 Al |
| TCAL15 | 100-150 A | (1) # 3-3/0 Cu, # 1-3/0 Al |
| TCAL18 | 15-150 A | (1) # 12-3/0 Cu/Al |