



Spectra RMS™ Molded Case Circuit Breaker Accessories

Face Mounted Interlock, Cat. No. SGFMI for use with Spectra RMS™ Circuit Breaker Type SG400 and SG600.

WARNING: Danger of electrical shock or injury. Turn **OFF** power ahead of the device before lug installation or modification. Do Not remove circuit protective devices until the power is turned **OFF**.

DESCRIPTION

The function of the Face Mounted Interlock is to prevent two adjacent breakers from being toggled to the "ON" position. The Interlock will allow both breakers to be in the "OFF" or "TRIPPED" position.

Mounting instructions for Face Mounted Interlock.

1. Drill and tap panel face for #10-32 tapped or $\frac{7}{32}$ dia. clearance holes per the hole pattern in Fig. 1.
2. Secure both SG400 and SG600 circuit breakers on panel face using eight mounting studs (1). Refer to Fig. 2.
3. Install rating plugs and any required internal accessories at this time.
4. Install lugs and cables and torque to specified value.
5. Make sure both breaker handles are in the OFF position, and all Lug Covers are in place before mounting the Face Mounted Interlock.
6. Position the Face Mounted Interlock above the breakers. Line up the sliding handle cams with the breaker handles, and lower the Interlock onto the breakers.
7. Secure the Interlock in place using eight #10-32 screws (2), lockwashers (3), and flatwashers (4).
8. Operate the breakers by toggling the handles ON then OFF. One breaker must be blocked from turning on while the adjacent breaker is in the ON position.
9. To verify non-interlocked operation, place both breakers in the "OFF" position. It should be possible to turn either breaker "ON" and then "OFF".
10. To verify interlocked operation, turn one breaker "ON". It now should **NOT** be possible to turn the other breaker "ON".

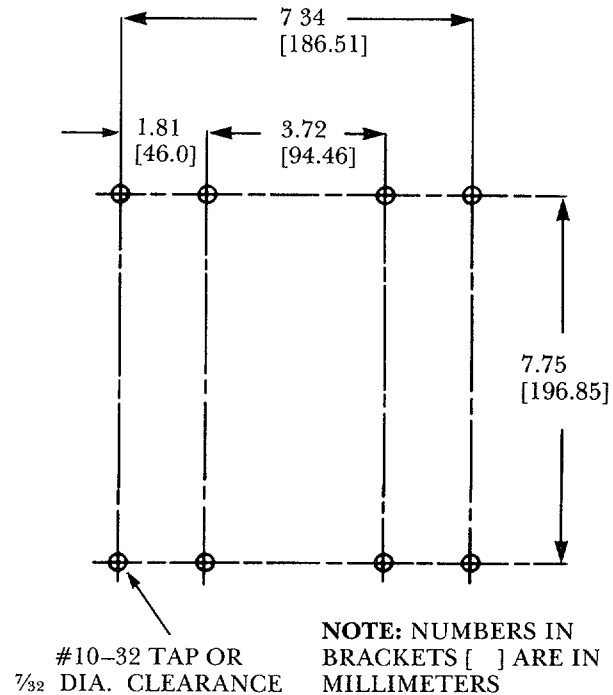


Figure 1. Mounting Hole Pattern

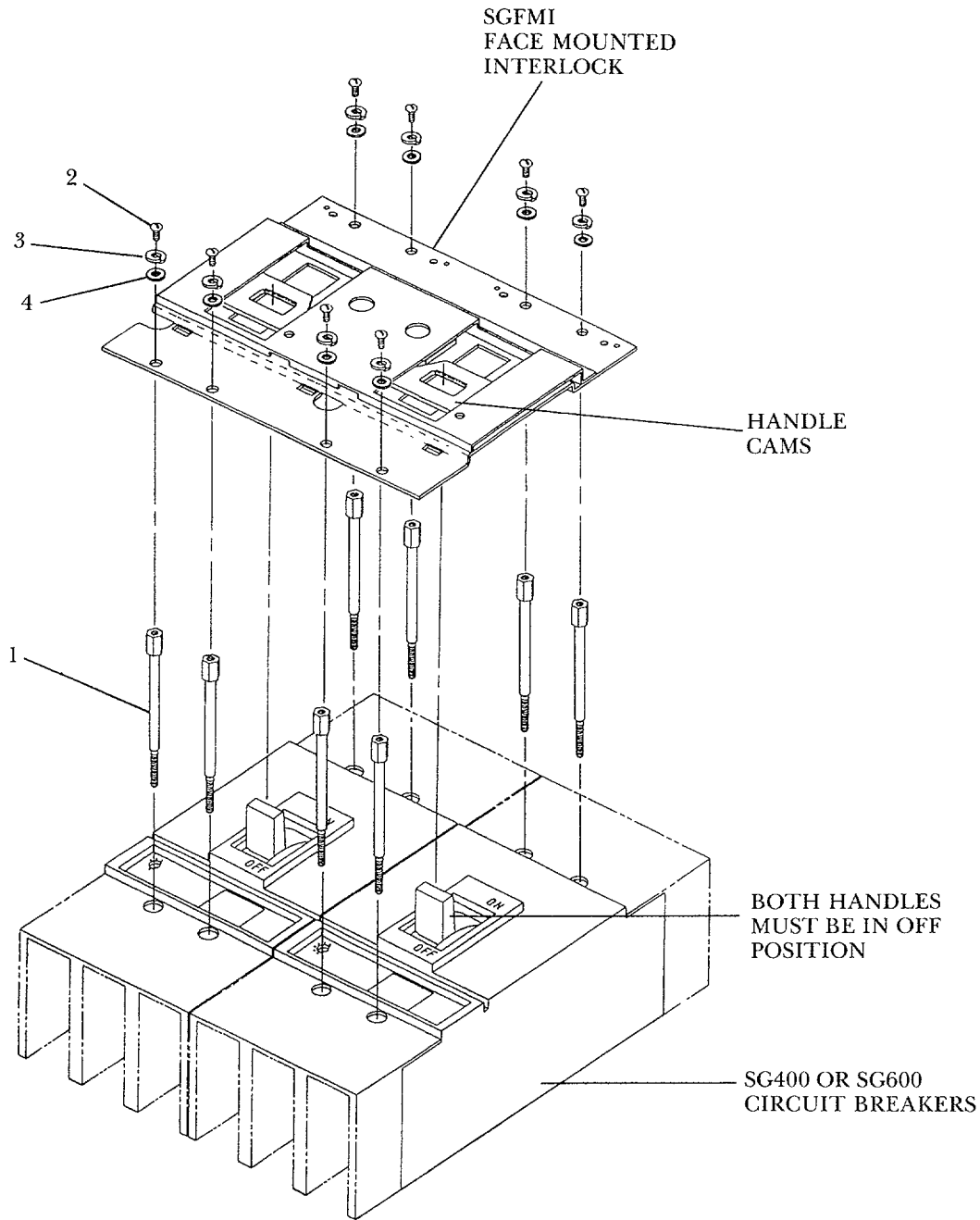


Figure 2.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company.



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