1. CIRCUIT BREAKER INSTALLATION

Make sure that the equipment is suitable for the installation by comparing nameplate ratings with system requirements. Inspect the equipment for completeness and check for any damage.

Dimensions for electrical and mechanical clearance to respect minimum distance from enclosure or compartment walls.

1) For individual surface mounting, drill and tap mounting bolts holes according to the drilling plan shown in Fig. 2. For front mounted applications, refer to Fig. 3 for correct dimensions.

2) If circuit breaker includes factory or field-installed internal accessories, make sure that accessory wiring can be reached when the circuit breaker is mounted.

3) Position circuit breaker on mounting surface.

4) Install circuit breaker using mounting screws provided with the product. Tighten hardware to 13lb.in (1.5N.m.)

Circuit breaker mounting steps:

1. CIRCUIT BREAKER INSTALLATION

2. MANUAL OPERATION

Manual Operation of the circuit breaker is controlled by the circuit breaker handle and the TEST button. The circuit breaker has three positions, two of which are shown on the cover with raised lettering to indicate ON and OFF. The third position indicates a TRIP position and is between the ON and OFF positions. (See Fig. 4)

Circuit Breaker Reset

After an automatic, accessory initiated trip, or manual TEST operation, the circuit breaker is reset by moving the circuit breaker handle to the OFF position. (NOTE) In the event of a thermal trip, the circuit breaker cannot be reset until the thermal element in the trip unit cools.

TEST button

The TEST button checks the tripping function and is used to manually trip the operating mechanism.

NOTE) Press TEST button once a year to trip circuit breaker.

3. WIRE INSTALLATION

See circuit breaker nameplate label for wire size and torque.

CAUTION

1) Each terminal connector or conductor should be connected as shown in the Fig. 5.

2) Do not allow conductor strands to interface with threads of wire binding screw.

FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN EQUIPMENT DAMAGE.

4. CIRCUIT BREAKER REMOVAL

1) Turn off all power supplying this equipment before working on or inside equipment.

2) Remove circuit breaker in reverse order of installation.

5. ACCESSORIES INSTALLATION (IF REQUIRED)

1) Turn off all power supplying this equipment before working on or inside equipment.

2) Loosen two screws from the auxiliary cover and open it.

3) Install field-installable accessories according to instructions supplied with them.

4) Close the breaker cover and secure with screws.

6. OTHER SAFETY INSTRUCTIONS

Check area where circuit breaker is installed for any safety hazards including personnel safety and fire hazards. Exposure to certain types of chemicals can cause deterioration of electrical connections.