WARNING

DO NOT ATTEMPT TO INSTALL OR PERFORM MAINTENANCE ON EQUIPMENT WHILE IT IS ENERGIZED. DEATH OR SEVERE PERSONAL INJURY CAN RESULT FROM CONTACT WITH ENERGIZED EQUIPMENT. ALWAYS VERIFY THAT NO VOLTAGE IS PRESENT BEFORE PROCEEDING.

CONTENTS:

Motor operator 1x
Support 1x
Mounting screws (16 mm) 4x
Mounting screws (10 mm) 2x
Lock washers 4x
2 Remove existing four screws from secondary cover of breaker.

3 Assemble support onto load-end of the breaker with two mounting screws supplied. Torque to 0.44 to 0.6 N.m or 4 to 5 in. lb.

4 • Turn breaker to the “OFF” position first.
• Line up breaker handle and molded trigger of motor operator, and position motor operator on the breaker.

5 Mount motor operator to breaker using mounting screws and lockwashers supplied. Torque to 0.44 to 0.6 N.m or 4 to 5 in. lb.
Manual Operations

- Move the slide knob to the MANUAL position to expose the manual operating shaft located under the slide knob. The control power supply is cut off automatically.
- Insert the operating key into shaft slot. Turn the key clockwise to verify the breaker can be closed and opened.
- Leave breaker in the ON position. Press the manual PUSH-TO-TRIP button on the motor operator to trip the breaker. Check that the display indicates the TRIP position.
- Turn the operating key clockwise (approximately 180°) again. This should reset the breaker.
- Status window indicates Green / OFF, Red / ON and White / Tripped.
- Always remove the operating key and move the slide knob to the AUTO position before operating electrically.
Motor Operator Wire Connection Diagram

**100-240VAC/100-220VDC Application**

**24VDC/48VDC Application**

Motor Operator Electrical Data

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Frequency</th>
<th>Inrush Current</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 – 240 VAC</td>
<td>50/60 Hz</td>
<td>1 A</td>
</tr>
<tr>
<td>100 – 220 VDC</td>
<td>DC</td>
<td></td>
</tr>
<tr>
<td>24 DC / 48 VDC</td>
<td>DC</td>
<td>3 A</td>
</tr>
</tbody>
</table>

1) A minimum 150 VA power source is recommended.
2) Maximum rate of operation: 6 operations per minute.

Electrical Operation

- Make sure the slide knob is located in the AUTO position.
- Operating the OFF remote control switch will cause the breaker to go to its OFF position.
- Operating the ON remote control switch will cause the breaker to go to its ON position.
- Press the manual PUSH-TO-TRIP button on the motor operator to verify that the breaker moves to the trip position. Operating the OFF remote control switch again will reset the breaker.
- Status window indicates Green / OFF, Red / ON and White / Tripped.
- Always remove the operating key and move the slide knob to the AUTO position before operating electrically.
**LOCK-OFF**
Move slide knob to AUTO position. Pull out the Lock-Off lever when breaker is in OFF position, insert one or two padlock shackles up to 6mm (.25 inch) in diameter.

**CAUTION**
The motor operator cannot be locked off while it is in the ON position.

**Motor Operator Outline Dimensions – mm / [inch]**

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Effective Date 07/06