C4411 Remote Display Installation Guide
Type 1 and 12 Applications

Step 1 — Enclosure Preparation
For Flat Surface mounting in a Type 1, Type 3R, or Type 12 enclosure, drill or punch two 30mm pilot device holes on 1.75-inch centers a minimum of 1.60 inches (40.6 mm) from every door gasket.

Step 2 — Mounting the Remote Display
- Insert remote display through the door and add two gaskets provided behind the door (see Figure 2).
- Orient strain relief bracket with respect to your chosen cable routing.
- Add two jam nuts provided and tighten 30mm pilot device tool (E22CW recommended) until the strain relief bracket is flush with the enclosure door, tighten an additional 1/2 of a turn.

Step 3 — Connecting the Remote Display
- Select cable up to 10 feet long from Table 1 below and route cable to Motor Insight™, installing communications filter provided with C4411 following the instructions in Figure 3.

TABLE 1.

<table>
<thead>
<tr>
<th>CATALOG NUMBER</th>
<th>LENGTH</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>D77E-QPIP25</td>
<td>9.8</td>
<td>0.26</td>
</tr>
<tr>
<td>D77E-QPIP100</td>
<td>39.4</td>
<td>1.0</td>
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<tr>
<td>D77E-QPIP200</td>
<td>78.7</td>
<td>2.0</td>
</tr>
<tr>
<td>D77E-QPIP300</td>
<td>118.1</td>
<td>3.0</td>
</tr>
</tbody>
</table>

- Secure cable to the strain relief bracket using any suitable tie wrap.

Locate the common mode communication filter. Open the shell and insert (1) complete loop. Close and snap the shell shut. See Figure 3. The filter is to be located as close to the Motor Insight overload relay as possible.

NOTE:
The ferrite bead shown above is only required for C441 base units with date codes before 10/1/13.
Type 1/12 Remote Display Conversion to 3R Applications

For 3R applications, install 3R kit C4413 as follows:
1. Loosen the captive screw in C4413 enclosure assembly and remove cover.
2. Insert User Interface into the base of the 3R enclosure provided and through the holes as prepared in Step 1 above for Type 1/12 installations (Figure 4).
3. Follow Steps 2 and 3 from Type 1/12 installation instructions above.
4. Insert cover into cam slots Figure 5 and pull cover forward and down, (Figure 6) torque screw 12-15 in-lb

Note: Provisions are made for two 3/8" shackle locks to prevent tampering from unauthorized personnel.

FIGURE 4.

FIGURE 5.

FIGURE 6.