**Individual Group Control (IGC) 4N1 Motor Controller**

**Item #: 1811416**

**OVERVIEW:**

The Individual Group Control (IGC) 4n1 Motor Controller provides individual and group control for up to four Somfy® Wired Technology (WT) motors with up to three intermediate positions per motor. Through the use of the DecoFlex Dry Contact Keypad (#1811402, required), users can access 3 preset positions as well as Up, Down and Stop. Keypads can also be used to set custom intermediate positions. Multiple IGC 4n1 Motor Controllers can be daisy-chained together for simplified synchronized control from a single keypad. The IGC 4n1 Motor Controller can not set upper and lower motor limits, but senses the current to identify them.

**TECHNICAL SPECIFICATIONS:**

- **Line Voltage Input:** 115V AC +/- 10%; 50 – 60Hz
- **Low Voltage Output to Switches:** 12V DC 185 mA maximum consumption
- **Output to Motor:** 115V AC (5A per motor) ¼ HP
- **Fuses:** 5x5A (1 for each motor, 1 for the board)
- **Dimensions:** H 12” x W 10” x D 4”
- **Materials:** Steel
- **Mounting:** On wall
- **Shipping Weight:** 10 Lbs.

**FEATURES SUMMARY:**

- Control up to four WT motors individually or in groups.
- Provides default intermediate positions of 25%, 50%, and 75% openness which can also be customized for each motor.
- Individual control and Master control using DecoFlex Dry Contact Keypads.
- Four Keypad ports and two Master ports.
- CSA/UL certified.
- Plenum rated.

**ACCESSORIES:**

- DecoFlex Dry Contact Keypad (1811402), required
- IGC RTS Receiver (1810481)

**COMPATIBLE WITH:**

- AC wired motors: 400 series, 500 series and 600 series.

**CONNECTIONS AND INDICATORS:**

<table>
<thead>
<tr>
<th>ELEMENT</th>
<th>FUNCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power LED Indicates power is on</td>
</tr>
<tr>
<td>2</td>
<td>Motor Selector Button Sets Keypad group</td>
</tr>
<tr>
<td>3</td>
<td>Dip Switches Motor selection</td>
</tr>
<tr>
<td>4</td>
<td>Master Ports Connect Master Keypads and Daisy Chain Controllers</td>
</tr>
<tr>
<td>5</td>
<td>Individual Motor Key Ports Connect Keypads for each group</td>
</tr>
<tr>
<td>6</td>
<td>To 110V AC Connect to power</td>
</tr>
<tr>
<td>7</td>
<td>Program Button Set intermediate positions</td>
</tr>
<tr>
<td>8</td>
<td>To Motors Connect to motors</td>
</tr>
</tbody>
</table>
DIMENSIONS:

The diagram shown below is meant for illustrative purposes to show the connections from product to product. This device can be used in other configurations than shown below.