SCP 141-xx-M125 to -M225 RS-232 Controlled Panelboard

Breaker types, sizes, positions and connections

<table>
<thead>
<tr>
<th>Breaker</th>
<th>Size</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>10A un-motorized breaker</td>
<td>250 kcmil Cu</td>
<td>Black wire</td>
</tr>
<tr>
<td>Motorized - RS-232 #</td>
<td>225A bus</td>
<td>Red wire</td>
</tr>
</tbody>
</table>

Each motorized breaker is actuated by a command from a RS-232 control device. As-built door label example:

The RS-232 # is the RS-232 address of this breaker. The board jumpers set the RS-232 address of the board. Each breaker has a sub-address of 1-10. Bold line around box = suggested control board: #1 (Top), #2, #3 or #4. Fill in box to indicate which control board this breaker is connected to.

SCP 141-xx-M125 (65k AIR main) + 225A bus

**xx** = Number of controller circuits: 10, 20, 30, 40 or 50.

Cabinet outline: Surface mount only. Outside dimensions: 24.98" w., 50" h., 6.13" d. Knockout panels supplied in both ends.

Square D NQOD-NL Panels: 2-250 kcmil max.

High voltage interior may be field inverted for top feed.

Square D NQOD-NL M8 Panel with LynTec sidacor:

Standard SCP Main Breaker: 225 Amp. - 65k AIR - M225

Square D MJP36225

Main Breaker options —Parl suffix

Bold = Amps: M125, M150, -M175 or -I/200

(All 65k AIR)

(Amps Interrupt Rating)

Main Breaker wire: 3/0-350 kcmil Al/Cu

200% Neutral has one feed lug that accepts two 250 kcmil Cu wires.