53222-25 | Panel for Wiper control

Installation Instructions
Before installation please read these instructions.

- Metal case
- Front panel IP65
- Can bus network
- Activates/deactivates each wiper one by one
- Synchronization in each selected mode
- 3 levels of intermittent
- Wipe/wash program
- Cable included between control and panel
- Screws, washers and nuts included

The manufacturer declare that the wiper control series is in conformity at regulation of electromagnetic compatibility and of security with directives 73/23/EEC, 89/36/EEC, 92/31/EEC, and 93/68/EEC, and EN 60945 directives.

Limited warranty
- Roca warrants the wiper control to be free from defective material and workmanship for a period of 3 years from the date of purchase.
- This warranty does not apply to failure or damage caused by improper installation, misuse, lightning strike or damage from a power surge.
- If failure occurs during this period, return it to your dealer for repair or replacement.

Fits wiper controls:
- 532212
- 532213
- 532214
- 532215
Push button functions and signalings
1 Single wiper ON/OFF button
2 Single wiper ON/OFF and fault led
3 Decrease speed / increase delay in intermittent mode
4 Increase speed / decrease intermittent delay
5 Selected mode led bar
6 General ON/OFF led
7 General ON/OFF button
8 Wash cycle button
9 Wash cycle signaling led

Operating mode

<table>
<thead>
<tr>
<th>Selected mode, pos. 5</th>
<th>Waiting time</th>
<th>Mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>All LEDs off</td>
<td>-</td>
<td>Stand-by</td>
</tr>
<tr>
<td>1 LED on</td>
<td>8 Sec.</td>
<td>Intermittent</td>
</tr>
<tr>
<td>2 LED on</td>
<td>4 sec.</td>
<td>Intermittent</td>
</tr>
<tr>
<td>3 LED on</td>
<td>2 sec.</td>
<td>Intermittent</td>
</tr>
<tr>
<td>4 LED on</td>
<td>-</td>
<td>Continuous - Slow</td>
</tr>
<tr>
<td>All LED on</td>
<td>-</td>
<td>Continuous - Fast</td>
</tr>
</tbody>
</table>

Wipe / Wash program
By pressing the wash button, washing program will start.

<table>
<thead>
<tr>
<th>3 sec.</th>
<th>3 sec.</th>
<th>4 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray</td>
<td>Spray</td>
<td>Wipe</td>
</tr>
</tbody>
</table>

To increase wash timing and spray / wipe time, keep pressed the wash button.
After wipe/wash cycle, wipers will return to operate in the previous selected mode.

Failures and signaling
Wiper fault:
A flashing of a wiper led indicates that control detects an error on a wiper. This may happen if:
- the parking switch is unconnected or damaged
- the motor doesn’t run (internal self-resetting fuse in protection, motor unconnected or damaged)
- the motor doesn’t run in FAST or in SLOW speed
- the motor can’t be synchronized
- the motor connectors have been inserted after supplying power.

Communication error:
A shifting effect of the mode bar led indicates that control panel CP4P can’t communicate with the relay box; this may happen if the flat cable is damaged / improperly connected or if there are problem with can bus terminations.

Can bus cable / L = 5m.