Junction Box for Remote Setup and Diagnostic

CR4500DC

Presentation
When the Rota-Sonde DC4500 is not easy to access, the junction box CR4500DC permits the user to setup the sensor remotely. It offers the same possibility and interface as if the user was behind the HMD itself, for example to switch ON/OFF laser for checking the alignment of the sensor.
The window on the front door (models CR450•DC) allows users to see directly live signal from photocell, threshold setup and to check status of sensor (detection, control, alarm, active sensitivity range).

Technical characteristics

<table>
<thead>
<tr>
<th>Model</th>
<th>CR4511DC L=•</th>
<th>CR4501DC L=•</th>
<th>CR4512DC L=•</th>
<th>CR4502DC L=•</th>
</tr>
</thead>
<tbody>
<tr>
<td>Control module</td>
<td>No (1)</td>
<td>Yes</td>
<td>No (1)</td>
<td>Yes</td>
</tr>
<tr>
<td>Connection type</td>
<td>Cable wired</td>
<td>Cable length to specify in reference</td>
<td>Female connector on the junction box</td>
<td>Cable length to specify in reference</td>
</tr>
<tr>
<td>Power supply</td>
<td>220 V (-10%) to 240 V (+10%) – 50/60 Hz or 110 V (-10%) to 120 V (+10%) – 50/60 Hz or 24 VDC (18 to 30 VDC)</td>
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<tr>
<td>Operating Temp.</td>
<td>-4°F to 140°F</td>
<td></td>
<td></td>
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<tr>
<td>Protection rating</td>
<td>IP66</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Weight</td>
<td>3.0 kg to 4.2 kg (depending on cable length)</td>
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</tr>
</tbody>
</table>

(1) The Control Module can be ordered separately, to make remote setup and diagnostic of Rota-Sonde DC4500. It can be integrated in another junction box or in an electrical panel. Reference: 7140450 (115/230 VAC) or 7140451 (24VDC).
Technical Characteristics

Dimensions of the junction box

Reference for order

CR 4 5 • • DC • • • L= •

Equipment
0: with control module
1: without control module

Connection
1: prewired cable
2: female connector

Supply voltage
115V
230V
24VDC

Cable length
2: 2 m
3: 3 m
5: 5 m
8: 8 m

Example: CR4501DC 230V L=2, junction box for Rota-Sonde DC4500 with control module, prewired cable inside, power supply 230 VAC, cable length 2m.

Note: when the Rota-Sonde DC4500 is connected to a junction box, the sensor should be ordered without cable (reference DC45•••• L=0).