**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 user is behind the HMD itself, for example to switch ON/OFF laser for checking 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</th>
<th>CR4501DC</th>
<th>CR4512DC</th>
<th>CR4502DC</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 prewired. Cable length to specify in reference</td>
<td>Female connector on the junction box. Cable length to specify in reference</td>
<td></td>
<td></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>
<td></td>
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</tr>
<tr>
<td>Operating Temp.</td>
<td>-20°C to 60°C (-4°F to 140°F)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Protection rating</td>
<td>IP66</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>3.0 kg to 4.2 kg (depending on cable length)</td>
<td></td>
<td></td>
<td></td>
</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 electrical panel. Reference: 7140450 (115/230 VAC) or 7140451 (24VDC).
Technical Characteristics

Dimensions of the junction box

CR4511DC

CR4512DC

CR4501DC

CR4502DC

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).