VOLUMATRIC QUAD ZONE LOGIC

Combined PIR and Microwave technology provides added flexibility and performance to the RX-CORE series. The RXC-DT incorporates the RXC-ST platform with advanced new Microwave to create a solution for the more challenging environment.

DIGITAL QUAD ZONE LOGIC+
RXD-DT maximises performance through target description.

FALSE ALARM IMMUNITY
OPTEX CORE platform provides greater flexibility for sensor sensitivity and further reduces the potential of unwanted alarms.

RELIABLE TOUGH MOD
RXC-DT has the perfect technology balance of OPTEX’s proven PIR technology and house-designed Microwave technology to ensure the best filtering discrimination.
PIR/MICRO-WAVE COMBINATION DETECTOR

RX CORE series

Tough MOD Monitoring the Diaplar

Spherical Fresnel Lens Supporting Quad Zone Logic

* Philips screwdriver or RD that meet RD standards shall be used.
** RD stands for Required Density.

BASIC PERFORMANCE

- DIGITAL QUAD ZONE LOGIC
- SILENT OUTPUT
- MULTI ANGLE BRACKET
- ADVANCED SEALED OPTICS
- ADVANCED TEMPERATURE COMPENSATION LOGIC

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODELS</th>
<th>RX-DT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>12m x 12m (P &amp; MW), 87° wide</td>
</tr>
<tr>
<td>Detection zone</td>
<td>7 zones</td>
</tr>
<tr>
<td>Mounting height</td>
<td>1.5 to 2.3m (5 to 8ft)</td>
</tr>
<tr>
<td>LED alarm indicator</td>
<td>Red LED</td>
</tr>
<tr>
<td>Alarm period</td>
<td>Approx. 2.5 sec</td>
</tr>
<tr>
<td>Alarm output</td>
<td>B.C. 48VDC, 2A max</td>
</tr>
<tr>
<td>Sensor switch</td>
<td>WC, OC, ON</td>
</tr>
<tr>
<td>Sensor output</td>
<td>24VDC 5.1 mA max</td>
</tr>
<tr>
<td>PIR sensitivity change</td>
<td>Switchable: CHROMA II</td>
</tr>
<tr>
<td>Microwave sensitivity change</td>
<td>Switchable: LONG/HORT</td>
</tr>
<tr>
<td>Warm up period</td>
<td>Approx. 50 sec</td>
</tr>
<tr>
<td>Power input</td>
<td>2.0 to 15VDC</td>
</tr>
<tr>
<td>Current consumption</td>
<td>0.05A (normal), 0.10A (alarm)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>102x44mm x 60mm x 95mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 30 g (9.5 oz)</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-10°C to +50°C (14°F to 122°F)</td>
</tr>
<tr>
<td>Environmental humidity</td>
<td>85% max</td>
</tr>
<tr>
<td>RF interference</td>
<td>No alarm 100m</td>
</tr>
</tbody>
</table>

DIMENSIONS

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