MONITORING CAPABILITY

The SafePath™ DHR3 is a combination microwave and active infrared motion/presence sensor designed to provide both activation and safety protection for automatic sliding and folding doors.

The DHR3 is based on the most reliable microwave and active infrared (AI) technology available—Floor Reflection Method (FRM).

The DHR3 provides motion detection as far as 10.5 feet (3.2m) from the door while simultaneously providing a dense zone of presence detection at the threshold of the door.

The DHR3 is designed for easy field installation and adjustment. The pattern width and depth are both mechanically adjustable. In addition, the depth can be altered electronically from 5 to 2 rows. All adjustments are available without the use of proprietary set-up devices.

TECHNICAL DATA

- Doppler Shift Radar & Active Infrared Reflection Technology
- One Sensor Provides Complete Motion & Presence Detection
- 4 Presence Timer Settings
- Mounts Up To 10.5’ (3.2m)
- Electronic Depth Adjustment
- Quick-Connect Wiring Harness Included
- Four Frequency Settings
- 12V to 24V AC or DC Operation
- Form C Dry Relay Contact N.O., COM, N.C.
- Rain Cover Available

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>DHR3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection Method</td>
<td>Doppler Shift Radar &amp; Active Infrared Reflection</td>
</tr>
<tr>
<td>Max. Installation Height</td>
<td>10.5 ft. (3.2m)</td>
</tr>
<tr>
<td>Power Requirements</td>
<td>12V to 24V AC or DC ± 10%</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>AC24V-2.5VA, AC12V-2.5VA</td>
</tr>
<tr>
<td></td>
<td>DC24V-65mA, DC12V-140mA</td>
</tr>
</tbody>
</table>

INFRARED SENSOR

- Detection Method: Active Infrared Reflection
- Output Holding Time: 0.5 seconds
- Response Time: 0.1 to 0.2 seconds
- Presence Timer: 2, 30, 60 seconds or infinity
- Output Contact: 7.5mA Max (Resistor Load), 55V DC Max Voltage, 50mA Max Current

MICROWAVE SENSOR

- Detection Method: Doppler Shift Radar
- Operating Frequency: 1.5 seconds
- Response Time: 0.1 to 0.2 seconds
- Output Contact: Form C Relay, DC50V 0.1A Resistor Load

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