DS-8C Remote Sensor/Controller for Roof & Gutter/Snow Melting Applications

General Information

The DS-8C controller is designed for roof and gutter and snow melting applications. It senses both moisture and temperature conditions in the gutter or down spouts. The sealed low voltage, remote mount precipitation sensor can be mounted in a down spout, on the back of a gutter, under the drip edge, up to 10 feet away, while keeping the main controller in a more convenient and protected location.

- Housed in a weatherproof enclosure
- Senses both moisture and temperatures
- Adjustable temperature trigger point
- Expanded 30-90 min. & 2-6 hr. delay off drying time
- Manual override capable
- Selectable low temperature cutoff with unique Recover module
- Super bright front panel power/activation LED indicator
- Remote control and monitor capabilities
- Easy to install
- Two year warranty

Technical Data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supply</td>
<td>100-277V Universal input</td>
</tr>
<tr>
<td>Max. Heating Load</td>
<td>30A @ 277 VAC</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-40°F to 185°F (-40°C to 85°C)</td>
</tr>
<tr>
<td>Enclosure Type</td>
<td>NEMA 3R</td>
</tr>
<tr>
<td>Mounting</td>
<td>Pole or Wall Mounted, outdoors</td>
</tr>
<tr>
<td>Dimensions (HxWxD)</td>
<td>4.75” x 6.5” x 2.75” (121mm x 165mm x 70mm)</td>
</tr>
<tr>
<td>Trigger Temperature</td>
<td>34°F to 44°F (1.1°C to 6.6°C), Field Selectable</td>
</tr>
<tr>
<td>Delay Timer</td>
<td>30-90 minutes, Field Selectable</td>
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Internal Diagram

The DS-8C controller is designed for roof and gutter and snow melting applications. It senses both moisture and temperature conditions in the gutter or down spouts. The sealed low voltage, remote mount precipitation sensor can be mounted in a down spout, on the back of a gutter, under the drip edge, up to 10 feet away, while keeping the main controller in a more convenient and protected location.

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Typical Application

Under 30A Configuration

<table>
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<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>088L3045</td>
<td>DS-8C Controller with Remote Snow and Ice Sensor (30A)</td>
</tr>
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Greater Than 30A Configuration

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<tbody>
<tr>
<td>088L3038</td>
<td>CDP-2 Remote Control &amp; Display Panel</td>
</tr>
<tr>
<td>088L3039</td>
<td>CS-1 Remote Control/Monitor Pigtail for CDP-2</td>
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Accessories

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Technical Services


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