5400 Series
Ø.315” (8.0mm)
LED Panel Mount Indicator

A two-piece unit consisting of a lens and the housing-LED assembly. Simple, fast installation. Available in colors: Red, Amber, Green and Yellow.

Applications

- Industrial
- Transportation
- Food Services
- People Movers
- Automation and Control
- Status indication
- Professional Electrical Appliance
- Electro Medical Devices
- Aircraft/Military Instrumentation

Key Features

- For panel hole diameter: 0.315” (8.0mm)
- Low profile, damage-resistant lens
- Panel thickness: .062” to .125” (1.6 to 3.2mm)
- Available in four single illumination colors: red, green, yellow, amber
- Wide viewing angle
- Simple and fast installation
- Discharge protection
- 8mm panel mounting LED Indicator
- Unique design in a two piece unit
- For custom cable length, voltage, connectors, for colors, contact VCC
- RoHS and REACH Compliant
## Ordering Data

### Electrical-Optical Characteristics

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Color</th>
<th>Type Intensity (mcd)</th>
<th>Rated Current (mA)</th>
<th>Continuous Forward Current Max. (mA)</th>
<th>Forward Voltage Typ. (V)</th>
<th>Forward Voltage Max. (V)</th>
<th>Current @ 1ms Peak Forward 300pps (A)</th>
<th>Reverse Break-down Voltage Min. (V)</th>
<th>Included Lens Model No.</th>
<th>LED Package Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>5400A1</td>
<td>Red</td>
<td>120</td>
<td>20</td>
<td>35</td>
<td>2.0</td>
<td>3.0</td>
<td>1.0</td>
<td>5</td>
<td>4741</td>
<td>Water Clear</td>
</tr>
<tr>
<td>5400A3</td>
<td>Amber</td>
<td>120</td>
<td>20</td>
<td>35</td>
<td>2.0</td>
<td>3.0</td>
<td>1.0</td>
<td>5</td>
<td>4743</td>
<td>Amber</td>
</tr>
<tr>
<td>5400A5</td>
<td>Green</td>
<td>120</td>
<td>20</td>
<td>20</td>
<td>2.1</td>
<td>2.5</td>
<td>-</td>
<td>4</td>
<td>4745</td>
<td>Green</td>
</tr>
<tr>
<td>5400A7</td>
<td>Yellow</td>
<td>120</td>
<td>20</td>
<td>35</td>
<td>2.1</td>
<td>3.0</td>
<td>1.0</td>
<td>5</td>
<td>4747</td>
<td>Yellow</td>
</tr>
</tbody>
</table>
Product Dimensions

Notes:
1. All dimensions are in inches [millimeters]
2. Tolerance is ± 0.25” unless otherwise noted.
3. The specifications, characteristics and technical data described in the datasheet are subject to change without prior notice.
## Product Specifications

<table>
<thead>
<tr>
<th>Materials</th>
<th></th>
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<tbody>
<tr>
<td>Housing</td>
<td>Natural Nylon</td>
</tr>
<tr>
<td>Lens</td>
<td>Polycarbonate</td>
</tr>
<tr>
<td>Wire Leads</td>
<td>24 AWG PVC (105oC) 4.4/4.8&quot; long, stripped .430/.570&quot;</td>
</tr>
<tr>
<td>Heat Shrink Tubing</td>
<td>Black, Polyolefin VW-1 600V</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Installation Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting Hole</td>
<td>.312/.317&quot; (7.9/8.1mm)</td>
</tr>
<tr>
<td>Panel Thickness</td>
<td>.062 to .125&quot; (1.6/3.2mm)</td>
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<tr>
<td>Operating Temperature</td>
<td>-25°C/+85°C (-13°F/+185°F)</td>
</tr>
<tr>
<td>Anode</td>
<td>Red Lead</td>
</tr>
</tbody>
</table>
Installation Instructions

- The panel mount LED indicator light consists of one lens and one body in lead wires terminations.
- The fast installation is provided by inserting the lens into mounting hole in the front display panel and snapping the housing assembly onto the lens from the rear.
- Allows pre-wiring into the circuit and testing before installation.

Compliances and Approvals