Voltage Indicator for Any Location

R-3W2 Features:
- 40-750VAC / 30-1000VDC
- UL Hazardous Location
  (Class 1 Division 2 Group A, B, C & D)
- CAT III/IV* Electrical Rating
- UL Type 4X, 12, 13
- Potted Construction with 6’ Lead

Other Benefits:
- Stored Energy Detector (120.1(6))**
- Visible Blades Disconnect (120.1(3))**
- Permanent Devices is Less Prone to Damage
- Voltage Source Labels (120.2(F)(1)(a))**

**NFPA 70E 2009 Edition

R-3W2 - Hazardous Duty/Multi-Location Voltage Indicator
(Suitable for use in Class 1, Division 2 (Zone 2), Groups A, B, C & D Hazardous Area, or Non-Hazardous Locations Only)

R-3W2-KB - Flush Mount Assembly with Bezel and R-3W2 (UL)

R-3W-L - Adhesive-Backed Warning Label
(slips over installed R-3W2)

R-3W2-KB-L - Adhesive-Backed Warning Label
(slips over installed R-3W2-KB)

Accessories
- Door Mount #10NTW Conduit Wire Protection and Isolation Adaptor Kit

R-3W2-DIN - Internal Panel Mount DIN Rail Mounting Bracket

R-3W-NPT125 - 30mm to 1 1/4" R-3W Conduit/Adapter

(1) The R-3W2 environmental ratings cover most industrial applications.
(2) Must be purchase as an assembly for UL Listing - Bezel is not sold separately.

Warning: Verify an electrical conductor has been de-energized using an adequately rated voltage detector before working on it. Follow appropriate Energy Control (Lockout/Tagout) procedures as per OSHA Subpart S; the current edition of NFPA 70E; and the current edition of CSA Z462.
**OPERATIONAL RANGE:**
- 3-Phase: 40-750V, 40-600VAC
- 1-Phase: Operates up to 400 Hz
- 30 to 1000 VDC
- 750VAC/1000VDC - Surge 4300V for 5 seconds
- 1.2 Watts @ 750 VAC (Approximately)

**DC OR STORED ENERGY:**
- MAXIMUM VOLTAGE: 30 to 1000 VDC
- POWER CONSUMPTION: 1.2 Watts @ 750 VAC (Approximately)

**TEMPERATURES:**
- Operate: -20°C to +55°C
- Storage: -45°C to +85°C

**FAILURE CURRENT:**
- Maximum single component failure fault current is 3.7mA @ 750 VAC

Follow all Local, State, and national Electrical Codes when installing this equipment. Overcurrent protection of the supply leads may be necessary. The installation of overcurrent protection shall be in accordance with the requirements in the NEC (NFPA 70) or end product standard(s) when used in the final installation.

### Accessories:

**New! Bezel-mount Installation for Voltage Indicator!**
Create a near-flush look by purchasing your Class 1 Division 2 Voltage Indicator with our new bezel.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>R-3W2-KB</td>
<td>Class 1 Div 2 Voltage indicator with Bezel</td>
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</tbody>
</table>

*Corresponding label available for bezel-mount configurations. Note: When mounting the Bezel (part numbers with -KB), the diameter of the cut-out is as follows: 1.701 inches (43.21mm)

**Label dimensions are 3"W x 2.3"H.**

**Voltage Indicator Label**
This adhesive-back label fits over an installed Voltage Indicator.

<table>
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<tbody>
<tr>
<td>R-3W-L</td>
<td>Label for Flashing and Class 1 Div 2 Voltage Indicator</td>
</tr>
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</table>

**INDICATOR FLASH RATES for the R-3W2 only** (L1,L2,L3,GND)

<table>
<thead>
<tr>
<th>Voltage Range</th>
<th>0</th>
<th>1.3</th>
<th>4.2</th>
<th>5.8</th>
<th>7.3</th>
<th>8</th>
<th>9.1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Line-to-Line</td>
<td>&lt;29</td>
<td>30</td>
<td>120</td>
<td>240</td>
<td>480</td>
<td>600</td>
<td>750</td>
</tr>
<tr>
<td>Life DC Stored Energy</td>
<td>&lt;27</td>
<td>30</td>
<td>48</td>
<td>110</td>
<td>300</td>
<td>600</td>
<td>1000</td>
</tr>
<tr>
<td>Flash/Sec</td>
<td>0</td>
<td>1.6</td>
<td>2.5</td>
<td>4.5</td>
<td>6.9</td>
<td>8.8</td>
<td>9.1</td>
</tr>
</tbody>
</table>

**Part #: R-3W-NPT125**
A 30mm to 1" NPT conduit adapter. This assembly fits into a standard conduit LB for mounting on the outside of an enclosure.

**Part #: R-3W-DR-C6**
Use this door mount accessory for additional voltage protection. Includes a 30mm adapter and 6' of NW10 flexible conduit. (Allow 4.5" depth into panel).