CNX 410 Series
Build Your Own Indicator for Use With T-1 3/4 (5mm) LEDs

CNX 410 Series features modular panel mount indicator assemblies and mounting hardware and require no tools for assembly.

Applications

- Industrial
- Transportation
- Emergency Applications
- Maritime, Oil and Gas Industry
- Automation and Control
- People Movers
- Instrument Panels
- Gaming and Vending Machines
- Outdoor Applications

Key Features

- For panel hole diameter: .313” (7.9mm) opening on 0.5” (12.7mm) center
- Choice of 2 different types of lenses
- Terminations available: stripped end and locking connector
- Eliminates the need for soldering or crimping wires
- Available wire gauge: 22 AWG or 24 AWG
- Available in 6 standard wire lengths, from 4” to 24”
- Choice of 2 different wires colors: White/Black or Red/Black
- Panel thickness up to .125” (3.18mm) max
- 5mm (T-1 3/4) LED with or without flange and lens needs to be ordered separately
- For additional options please contact our technical sales department
- U.S. and foreign patent issued
- RoHS and REACH Compliant
## Ordering Data

<table>
<thead>
<tr>
<th>Series</th>
<th>Resistor</th>
<th>LED Termination</th>
<th>Wire Size</th>
<th>Wire Color</th>
<th>Wire Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNX 410</td>
<td>012</td>
<td>X</td>
<td>02</td>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td>012=</td>
<td></td>
<td>2</td>
<td>22 AWG</td>
<td>04 4in (101.6mm)</td>
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<tr>
<td></td>
<td>018=</td>
<td></td>
<td>4</td>
<td>24 AWG</td>
<td>06 6in (152.4mm)</td>
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<tr>
<td></td>
<td>033=</td>
<td></td>
<td></td>
<td></td>
<td>08 8in (203.2mm)</td>
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<tr>
<td></td>
<td>056=</td>
<td>X</td>
<td></td>
<td></td>
<td>12 12in (304.8mm)</td>
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<td></td>
<td>120=</td>
<td></td>
<td></td>
<td></td>
<td>18 18in (457.2mm)</td>
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<tr>
<td></td>
<td>220=</td>
<td></td>
<td></td>
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<td>24 24in (609.6mm)</td>
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</tbody>
</table>

### Example:

**CNX_410_012_X02_4_1_12**

120 OHMS, Stripped End, 24 AWG Wire Size, White/Black Wire Color, 12 Inch Wire Length

*Call VCC for additional options

Shown with 5mm (T-1 3/4) LED and CMS 442 Lens

## Terminations

- **Stripped End (X)**
  - Wire color options
  - 22 AWG
  - 24 AWG

- **Single Row (E)**
  - Locking Connector
  - 2 Wires Option Only

## Accessories (Order Separately)

### 5mm (T-1 3/4)

- 2-leads with or without Flange

### CMC 441

- Fresnel Lens
  - CMC_441_RTP
  - CMC_441_BTP
  - CMC_441_GTP
  - CMC_441_ATP
  - CMC_441_YTP
  - CMC_441_CTP

### CMS 442

- Sealed Fresnel Lens
  - CMS_442_RTP
  - CMS_442_BTP
  - CMS_442_GTP
  - CMS_442_ATP
  - CMS_442_YTP
  - CMS_442_CTP
  - CMS_442_GLO
Product Dimensions

Recommended Mounting Hole

Notes:
1. All dimensions are in inches [millimeters]
2. Tolerance is ± .500 [12.7] unless otherwise noted.
3. XX.XX refer to wire length
4. 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>Installation Specifications</th>
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<tbody>
<tr>
<td>Panel Connector</td>
<td>Mounting Hole</td>
</tr>
<tr>
<td>Thermoplastic, White, UL 94-V0</td>
<td>.313&quot; (7.9mm) opening on 0.5&quot; (12.7mm) center</td>
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<tr>
<td>Head Connector</td>
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<td>Polyester, UL 94-V0</td>
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<td>Lens</td>
<td>Panel Thickness</td>
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<tr>
<td>Polycarbonate, UL 94-V2</td>
<td>Up to .125&quot; (3.18mm) Max</td>
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<td>Moisture Seal</td>
<td>LED Lead Length</td>
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<tr>
<td>EPDM</td>
<td>.250&quot;±.01&quot; (6.35mm±.0254mm)</td>
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<tr>
<td>Lock Washer</td>
<td>Applications</td>
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<tr>
<td>Steel, Nickel Plate</td>
<td>CMC 441- For standard dry applications</td>
</tr>
<tr>
<td>Terminals</td>
<td>CMC 442 - Wet and dry applications (Meets NEMA 6P/IP67)</td>
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<tr>
<td>Phosphor Bronze, Tin Plate</td>
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<tr>
<td>Wire</td>
<td>22 or 24 AWG 1007/1569</td>
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Compliances and Approvals

[REACH logo] [RoHS logo]