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

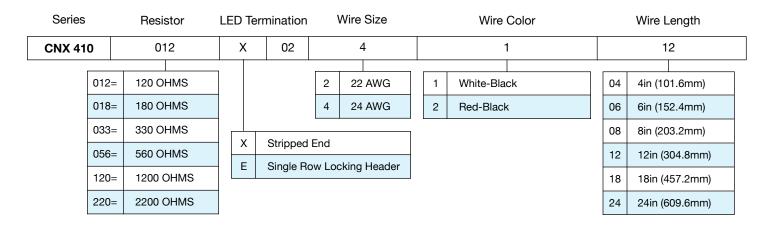- Maritime, Oil and Gas Industry
- Automation and Control
- People Movers

- 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 departament
- U.S. and foreign patent issued
- RoHS and REACH Compliant

Ordering Data

Series	Resistor	LED Termination		Wire Size	Wire Color	Wire Length
CNX 410	012	X	02	4	1	12

Resistor

012=	120 OHMS
018=	180 OHMS
033=	330 OHMS
056=	560 OHMS
120=	1200 OHMS
220=	2200 OHMS

LED Termination

X	Stripped End
E	Single Row Locking Header

Wire Size

2	22 AWG
4	24 AWG

Wire Color

1	White-Black
2	Red-Black

Wire Length

04	4in (101.6mm)
06	6in (152.4mm)
08	8in (203.2mm)
12	12in (304.8mm)
18	18in (457.2mm)
24	24in (609.6mm)

Example:

CNX_410_012_X02_4_1_12

120 OHMS, Stripped End, 24 AWG Wire Size, White/Black Wire Color, 12 Inch Wire Length
Shown with 5mm (T-1 3/4) LED and CMS 442 Lens

*Call VCC for additional options

Terminations

Stripped End (X)
Wire color options

Single Row (E)
Locking Connector
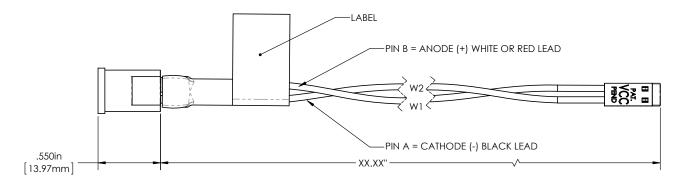2 Wires Option Only

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

LABEL

PIN B = ANODE (+) WHITE OR RED LEAD

W2

W1

PIN A = CATHODE (-) BLACK LEAD

.550in
[13.97mm]

XX.XX"

Recommended Mounting Hole

.313 [7.9]   Opening on 0.5 [12.7mm] center

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

Materials	
Panel Connector	Thermoplastic, White, UL 94-V0
Head Connector	Polyester, UL 94-V0
Lens	Polycarbonate, UL 94-V2
Moisture Seal	EPDM
Lock Washer	Steel, Nickel Plate
Terminals	Phosphor Bronze, Tin Plate
Wire	22 or 24 AWG 1007/1569

Installation Specifications	
Mounting Hole	.313" (7.9mm) opening on 0.5" (12.7mm) center
Panel Thickness	Up to .125" (3.18mm) Max
LED Lead Length	.250"±.01" (6.35mm ±0.254mm)
Applications	CMC 441- For standard dry applications CMC 442 - Wet and dry applications (Meets NEMA 6P/IP67)

Compliances and Approvals

REACH
COMPLIANCE

RoHS
COMPLIANT