



1092 Series 0.500" (12.7mm) Tab Terminals LED Panel Mount Indicator



1092 Series with high brightness LED offers daylight visibility and enhances the user experience by enabling fast operation of the device



Application

- Industrial
- Transportation
- Food Service
- People Mover
- Medical
- Maritime
- Oil and Gas Industry
- Manufacturing
- Automation & Control

Key features

- Front panel snap-in. Snaps fit into 0.500" (12.7mm) panel hole requires no additional hardware
- High brightness LED for daylight viewing
- Available in five single LED colors: red, green, amber, blue and white
- Available in five single lens colors: red, green, amber, blue and clear
- Offered with a variety of lens options: Hi Hat, Hi Dome, Semi Dome and Small Dome
- Transparent and diffused lenses provide visibility during daylight
- Available in operating voltage of 12VAC/DC, 28VAC/DC and 125VAC
- Offered with wire leads (4.4"/4.8") or tab terminal (0.187" x .020")
- "Double D" mounting hole prevent any rotation of the indicator while the nut is being installed.
- Bezel finish: Polished stainless steel
- Designed, manufactured and tested in accordance with the relevant UL and CSA standards
- Order speed nuts separately to provide maximum fastening power with minimal installation torque
- Order gasket separately to provide water, oil, air and dust tight
- Compliant with RoHS and REACH requirements

Ordering Data

The 1092 Series is available in a range of standard features and options. To specify your Panel Mount Indicator, simply choose one option from each column. An example is shown below

| Series | Lens Style | Color | Voltage | |
|--------|------------|-------|---------|--|
| 1092Q | | | - | |

| | |
|------------|---|
| Hi-Dome | A |
| Hi-Hat | C |
| Semi-Dome | D |
| Small-Dome | M |

| Color | Code | luminous intensity (Typ) |
|-------|------|--------------------------|
| Red | 1 | 13,000 mcd |
| Amber | 3 | 13,000 mcd |
| Green | 5 | 12,000 mcd |
| Blue | 6 | 3,200 mcd |
| Clear | 2 | 7,000 mcd |

| | |
|--------|--------|
| 12V | 12V |
| 28V | 28V |
| 125VAC | 125VAC |



Example: 1092QD5-12V
 1092 Tab Terminals with Semi-Dome lens - Green LED and 12 Volts

Accessories Ordering Data [order separately]

Speed Nut: SN0461-C



O'Ring Gasket: SPC472



Product Dimensions

Hi-Dome



Hi-Hat



Semi Dome



Small Dome



Mounting Hole (All)



Standard Mounting Hole



D-Mounting Hole

D-Mounting Hole

Dimensions in inches

Product Specifications

| Materials | |
|---------------|---------------------------------------|
| Housing | White Nylon UL94 V-2 |
| Lens | Transparent Polycarbonate UL94 V-2 |
| Bezel | Polished stainless steel |
| Tab terminals | Quick-connect tinned brass |

| Voltage Table | | |
|---------------|------------|----------|
| Nominal | VAC | VDC |
| 12V | 10 to 14 | 10 to 14 |
| 28V | 26 to 30 | 26 to 30 |
| 125V | 105 to 125 | - |

| Temperature Specifications | |
|----------------------------|-----------------------------------|
| Operating Temperature | -40°C to +85°C -40°F to +185°F |
| Storage Temperature | -40°C to +85°C -40°F to +185°F |

| Installation Specifications | |
|-----------------------------|---|
| Mounting Hole | 0.500" to 0.505" (12.70 to 12.83 mm) |
| D-Mounting Hole | 0.470" to 0.475" (11.94 to 12.07 mm) |
| Panel Thickness | 0.020" to 0.100" (0.51 to 2.54 mm) |
| Tab Terminals | 0.187" (4.75mm) terminals |

| Internal Resistor | |
|-------------------|--------------------------|
| 12V | 390Ω |
| 28V | 1200Ω |
| 125V | 15000Ω + rectifier diode |

| | |
|------------------------|------|
| Forward Current Rating | 25mA |
|------------------------|------|

Accessory options [order separately]

O-Ring Gasket

Part Number: **SPC472**

The 1092 Gasket is designed to seal many types of media, including water, air, dust, and oil.

The panel gasket is intended to provide a seal between the panel and the 1092 Panel Mount Indicator.

Meets ASTM D2000 standard.



Dimensions in inches [mm]

| Material |
|------------------------------|
| Buna-N, Durometer A50, black |

| Installation Specification | |
|----------------------------|-----------------|
| Internal Diameter | 0.472" (12 mm) |
| 28V | 0.059" (1.5 mm) |
| Operational Temperature | -30°F to +225°F |

Accessory options [order separately]

Push-on speed nut

Part Number: **SN0461-C**

Description: Speed nut with coating, which secures the indicator in place

- One piece, self-locking, heat-treated, spring-steel fastener that replaces threaded nut, lock washer or spanner washer
- Eliminates time-consuming assembly operations
- Fast and easy to apply, the speed nut fastener provides maximum holding power at minimum cost per fastener
- It does not shake loose from vibration, yet can be easily loosened without worry about rust-frozen screw threads
- For smaller components where space is premium
- Requires less torque than standard hex-nuts
- Can be installed prior to painting process so threads won't fill.



Dimensions in inches [mm]

| Material | |
|-----------------------|--------------|
| Speed Nut (one piece) | Spring Steel |

| Installation Specification | |
|----------------------------|-------------------|
| Stud Size | 0.485" (12.319mm) |

Compliances and Approvals



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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