

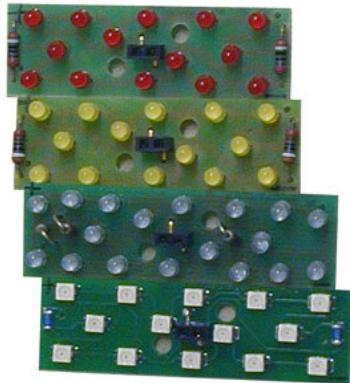


Omni16c Led Boards

Model C1150,51,52,53,54,55 LED Board colour variants

DATASHEET

FEATURES



- Fits in any Omni-8/16C series Backlit Displays
- Retrofit upgrade part for Omni-8/16C Incandescent displays
- High Brightness LEDs for high ambient light conditions
- Choice of colours
- Removable
- Hot Plug-in
- High Reliability

The OMNI-8/16C LED boards are used for Backlit alarm window versions of the Omni-16C series annunciators. They have been designed to cope with high ambient light conditions with a choice of colours to accentuate alarms or for different alarm discrimination.

Colour choice has been limited until recently due to power and light dispersion, current LED technology now allows us to offer the following colours:

- Red
- Green
- Yellow
- Orange
- Blue
- White

The LED boards are also designed as a retrofit upgrade to incandescent alarm displays. Simply remove the incandescent lamps from their holders and fit the LED board to the two pins protruding between the lamp holders.

Two parallel banks of LEDs are used for reliability on the LED board. Any failure would only affect one LED bank.

The LED boards are used for both common positive and common negative display variants by reversing the polarity, simply achieved by fitting the board rotated by 180°.

SPECIFICATIONS

LED Boards

Colour Options	Red Green Yellow Orange Blue White
Type	LED dual series bank with current limiting
Brightness	1400mcd Typical

Environmental

Operating Temperature	-25°C to +60°C (-13°F to +140°F)
Storage Temperature	-40°C to +70°C (-40°F to +158°F)
Humidity	95% max. at 40°C (104°F) non-condensing.
Protection	Solder Masked PCB

Power Consumption

Power Supply @ 24Vdc	60mA per board max.
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Size

All except Blue	50mm Wide x 17mm High
Blue	55mm Wide x 17mm High

Mass

Excluding Packaging	<5g (0.18oz) per board
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Ordering Information

Order Code	Description
C1150	Red
C1151	Yellow
C1152	Green
C1153	Blue
C1154	Orange
C1155	White