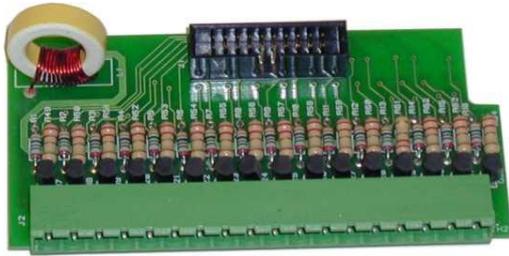




Omni16C Lamp Driver Board

Model C1169 Lamp Driver Board for Omni8C or Omni16C .

DATASHEET



Lamp Driver Board

FEATURES

- 16 Channel High power Lamp Driver
- Drives older lamps on mimic panels
- High Current capacity
- Uses external 24 Vdc supply
- 250mA per Channel

The Lamp driver board is designed to provide extra load drive capability for Omni8C and 16C where high power lamps need to be driven. Typically used where old mimic panel or alarm beacons are utilized.

The Lamp Driver board is fitted into one of the Repeat Outputs Slots on the Omni8 or 16. It has 16 Channels connected via detachable terminals which can be removed with the wiring.

Each output channel can deliver 25 mA to a lamp using an externally connected 24 Vdc power supply

The connection uses a 24 V common on Terminal 1 and 2 with each lamp having a dedicated output from terminals 3 to 18. The Lamp return going back to the external supply negative.

SPECIFICATIONS

Outputs

Type	Transistor switch to +24Vdc
On State volt drop	2 Volts max at 250mA
Off State leakage current	280 μ A max
Voltage Max.	+28 Vdc (External)
Load Current Max.	250 mA per channel
Protection	Output short circuit protected for up to 5 seconds Continuous short circuit will damage outputs

Connections

Terminals Type	Screw Two Part Detachable
Rating	12 A 250 V

Wire Gauge 0,2 to 2,5 mm² (24 –12 A WG)

Terminal Flammability UL94-V2

Temperature Range

Operating Temperature	0 °C – 60 °C (+32 °F – 140 °F)
Humidity	Up to 90% RH, non condensing is recommended
Storage Temperature	-10 °C – 70 °C (+14 °F – 158 °F)
Humidity	Less than 40% RH is recommended

Ordering Information

Model Number	Description
C1169	Lamp Driver Output Board



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ELECTRICAL CONNECTIONS

