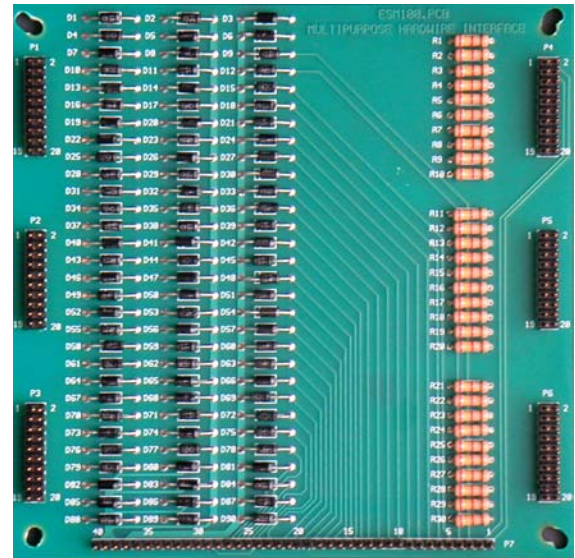


General Description

The multipurpose hardware interface provides a simple and efficient interface for connecting control panel switches and LEDs to any field wiring.

The multipurpose hardware interface is assembled as a LED driver, a switch driver, or a combination of the two. Any field activation device can be connected as input to the LED driver to illuminate the desired LED. Any external device that requires switch activation can be connected to the output of the switch driver. With ribbon cable connections provided on both the LED driver and the switch driver, panel LEDs and switches can be easily attached to ribbon cable wiring.



Features

- Handles up to 30 points (LEDs, switches, or a combination of both)
- Diode isolation for all LED points
- Current-limiting resistors for all LED points
- Lamp test and power circuits are built in
- 20-pin ribbon cable connectors are provided for ease of wiring panel LEDs and switches
- 20-pin insulation displacement connectors are provided for ease of field wiring
- Capable of sourcing or sinking type control for both LEDs and switches
- Compatible with hardwired, PLC, or other processor based systems
- 5 year limited warranty

Specifications

Input Voltage: 22-28VDC

Current Consumption @ 24VDC:

10mA per LED output
 Current consumption per switch output depends on the load

Power Consumption @ 24VDC:

240mW per LED output
 Power consumption per switch output depends on the load

Control Voltage:

+24VDC (sourcing) or
 Common Ground (sinking)

Cable Termination:

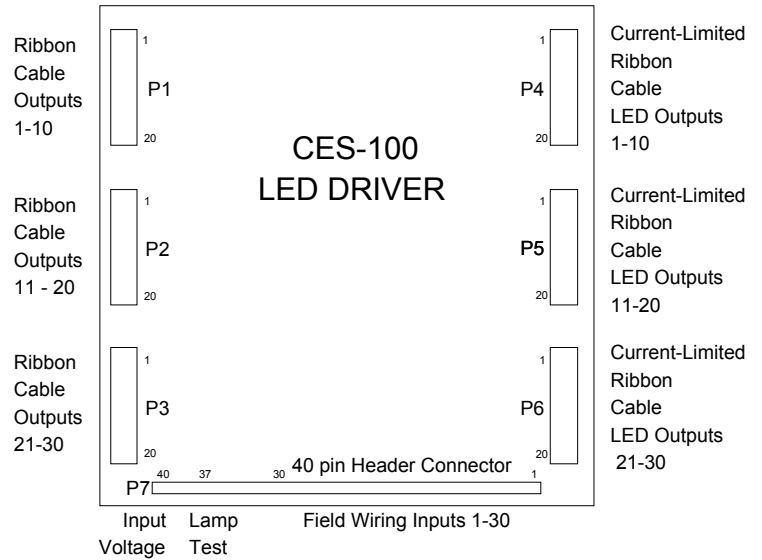
Insulation displacement connector,
 28-22 AWG.
 Ribbon cable connection, 20 conductors,
 28 AWG.

Operating Temperature:

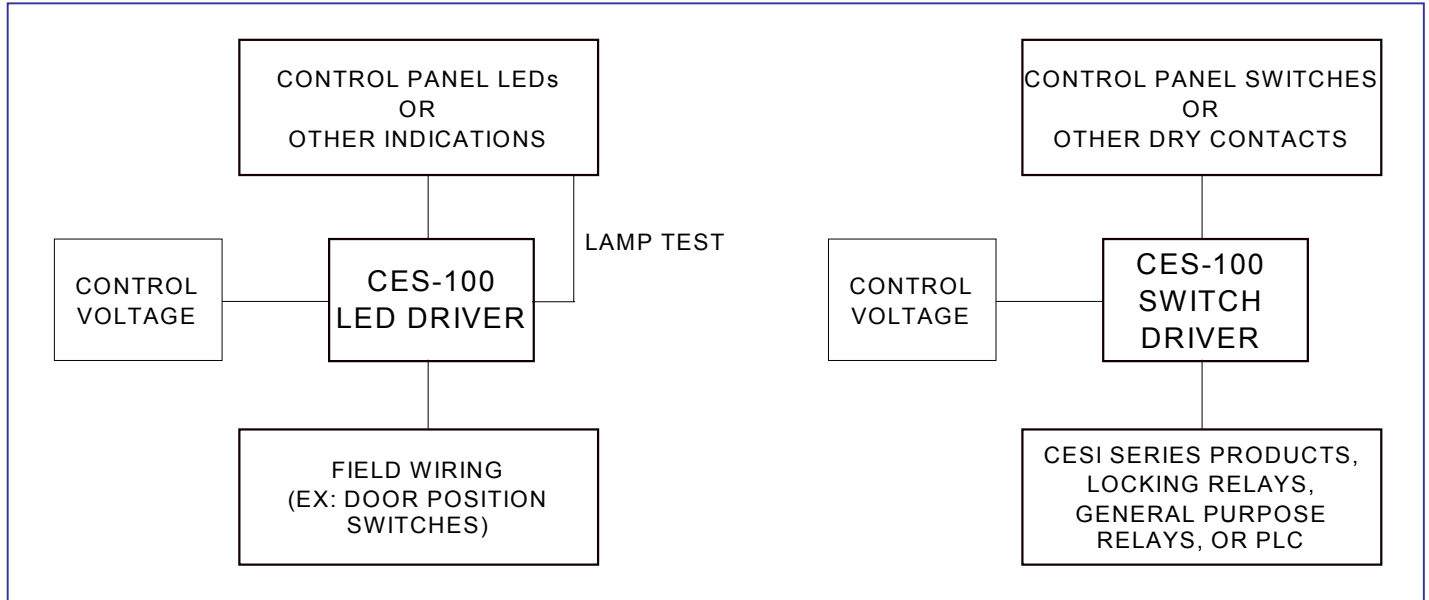
-55°C to +175°C

Dimensions (Length x Width x Height):

5⁵/₈" x 5⁵/₈" x 1¹/₂" (14.3cm x 14.3cm x 1.3cm)



Applications



Ordering Information

| | |
|--------------------------------------|------------|
| Switch Driver | CES-100 |
| LED Driver Sinking | CES-100A |
| LED Driver Sourcing | CES-100B |
| Modified Driver | CES-100MOD |
| (specify switch and LED combination) | |

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