

SIGNALING Stock No. 3992668

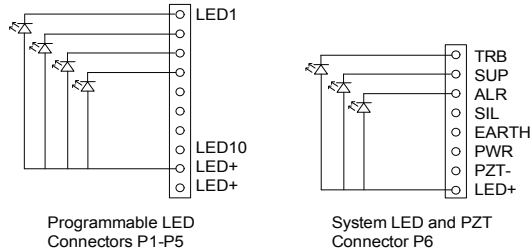


Product includes a 5 year warranty

Description

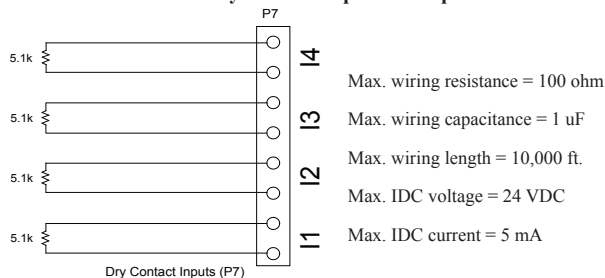
The DRV-50 is a LED driver module for the PFC-6000 and Potter Plus series addressable fire control panels. The DRV-50 communicates using a RS-485 connection to the panel providing 50 user configurable LED outputs and 4 supervised dry contact inputs. The LED Driver is mounted in either the control panel cabinet, the intelligent power supply/P-Link repeater, the PSN-1000/E, the AE-8, or the AE-14 expander cabinet. Each card is mounted to the exclusive Stacker Bracket for secure and accessible mounting.

DRV-50 P1-P5 & P6 Connectors Example



Note: All connections to P1-P6 are limited to same room installations.

DRV-50 P7 Connector Dry Contact Inputs Example



Note: All contact inputs are fully supervised. Ground fault protection impedance is 0 ohms.

Features

- Provides 50 user configurable LED outputs
- Provides 6 system LED outputs (Power, Earth Fault, Silenced, Alarm, Supervisory, and Trouble)
- Provides Audible/PZT and 4 supervised dry contact inputs
- LED outputs internally current limited, no external resistor required
- May mount with included stacker bracket, or in the panel or PSN-1000/E Power Supply, or AE-8 or AE-14 Accessory Cabinets
- Maximum 31 DRV-50s for PFC-6800, P-400 and P-400R
- Maximum 10 DRV-50s for PFC-6200, PFC-6075, PFC-6030, and P-100, P-200 and P-300
- Maximum P-Link wire length is 6,500 feet

Electrical Specs

P-Link Current (24 VDC):

- 25 mA (Alarm)
- 25 mA (Standby)

LED PWR Current (16 VDC – 33 VDC):

- 10 mA (maximum Standby)
- 215 mA (maximum Alarm)

Note: LED PWR can be provided by any fire listed source. Output power must be 16 VDC–33 VDC, and must be power limited.

Installation

The DRV-50 is connected to the PFC-6000 and Potter Plus series panels using a four wire RS-485 connection. This connection is power limited and supervised. The 50 programmable LED outputs are located on connectors P1-P5, each containing 10 LED outputs and 2 5VDC outputs. The system LEDs and PZT control outputs are located on connector P6. The 4 programmable dry-contact inputs are located on connector P7. All input circuits are power limited and use a UL Listed 5.1k EOL resistor (Potter part #3005013). All outputs are power limited.

DRV-50 LED Wiring Examples

