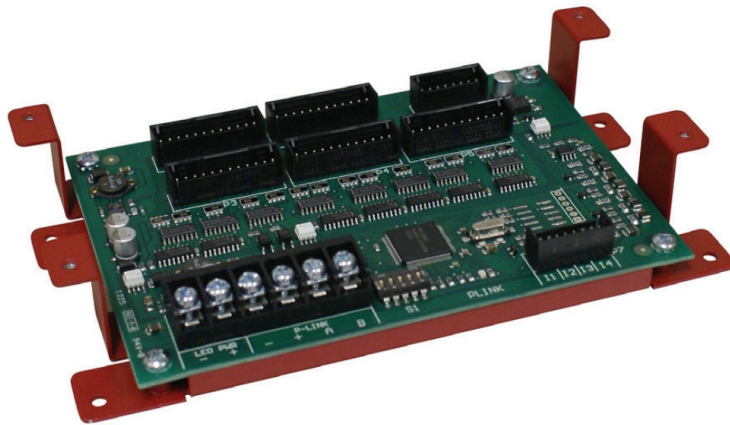


POTTER DRV-50 LED Driver Module Owner's Manual

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POTTER DRV-50 LED Driver Module Owner's Manual



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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

- **Maximum 31 DRV-50s for:** IPA-4000, AFC-1000, P400/R, PFC-6800
- **Maximum 10 DRV-50s for:** IPA-100/60, AFC-100/50, ARC-100, P300/200/100, PFC6200/6075(R)/PFC-6030, PFC-4064
- Maximum P-Link wire length is 6,500 feet
- Product includes a 5 year warranty
- UUKL Listed for Smoke Control

Description

The DRV-50 is a LED driver module. The DRV-50 communicates using a RS-485 (P-Link) connection to the panel providing 50 user configurable LED outputs and 4 supervised dry contact inputs.

Installation

The DRV-50 is connected to the fire alarm control panels using four wire RS-485 (P-Link) 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.

The DRV-50 can be installed in the AE-2, AE-8, and AE-14 Accessory Enclosures. The DRV-50 can also be installed inside the PSN-1000E Intelligent Power Supply and larger control panel enclosures that include space for mounting stacker bracket modules.

Technical Specifications

P-Link Current (24 VDC)	25 mA (Alarm)
LED PWR Current (16 VDC- 33 VDC)	10 mA (maximum Standby)
	215 mA (maximum Alarm)
Compatible Panels	IPA Series AFC/ARC Series PFC-4064 P-Series* PFC-6000 Addressable Series*

Legacy Product

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

Ordering Information

Model	Description	Stock No
DRV-50	LED Driver Module	3992668

- **APPROVED**



- **7305-0328:** 0200



- UOXX.S2930



Support

- Potter Electric Signal Company, LLC
- St. Louis, MO
- **Phone:** 800-325-3936
- www.pottersignal.com



Documents / Resources

The cover page of the POTTER DRV-50 LED Driver Module Owner's Manual. It features the POTTER logo, the product name "DRV-50 LED Driver Module", and a photograph of the module. The page is filled with technical specifications and safety information.	<p>POTTER DRV-50 LED Driver Module [pdf] Owner's Manual DRV-50 LED Driver Module, DRV-50, LED Driver Module, Driver Module</p>
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