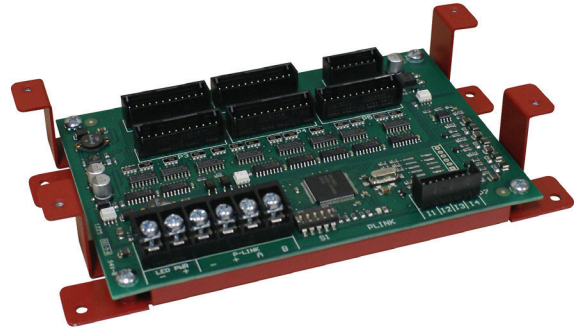


Features

- 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
- Mounts in the panel, PSN-1000/E, AE-2, AE-8 or AE-14 using the included stacker bracket.
- Maximum 31 DRV-50s for large platform fire alarm panels
- Maximum 10 DRV-50s for small platform fire alarm panels
- Maximum P-Link wire length is 6,500 feet
- UL 864 UUKL in a Space Age Electronics GL8



LISTED
S2930
S24808

Note: UUKL listed in Space Age Electronics GL8 FSCS with BCS circuitry

Description

The DRV-50 is a LED driver module. 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 PSN-1000/E, the AE-2, AE-8, or the AE-14 expander cabinet. Each card is mounted to the exclusive stacker bracket for secure and accessible mounting.

Installation

The DRV-50 is connected to the fire alarm control 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. Refer to DRV-50 Installation Sheet for wiring instructions

Technical Specifications

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.

Ordering Information

Model	Description	Stock No.
DRV-50	LED Driver Module	3992668