

EXPLOSION PROTECTION POWER SUPPLY (PSU)

DESCRIPTION

The Fike Explosion Protection Power Supply Unit (PSU) is another of the building blocks in Fike's explosion protection control system.

The PSU provides complete supervision of all power wiring to Fike Explosion Protection components. The PSU can be remotely mounted, separate from the hazardous area.

FEATURES AND BENEFITS

- Monitors and reports on 32 states, and stores up to 56 history records in relative time. With Annunciator module, it is synchronized to real time.
- LED light and PC connection offers access to system status and history
- Supports up to 4 Relay Cards, 4 EPC Controllers and 1 Annunciator module
- Six supervised 24VDC, 1 A outputs
- Supervised 24 VDC Battery Back-up input
- Supervised 25 VAC input
- On board battery charger
- Dry contact auxiliary relay for annunciation of "Trouble" conditions
- Status Bus for Fike proprietary network communication of system conditions to other devices (optional wiring)
- Event memory storage for the 56 most recent events in relative time

ACCESSORIES

- 250 VA Transformer
- Batteries for battery backup
- Optional field enclosure for installation in non-hazardous areas

SPECIFICATIONS

Input Voltage:	25 VAC, 13A
Output Voltage:	24 VDC, 1 A per output, 5 A total
Trouble/Alarm Contact Ratings:	DC, 2 amps @ 30 VDC AC, 0.5 amps @ 250 VAC
Temperature Rating: (without additional enclosure)	-20° to 60°C (0° to 140°F)
Humidity (non-condensing):	80% RH maximum
Mounting:	DIN rail mount
Size:	210mmL x 130mmH x 70mmD (8.2"L x 5.2"H x 2.9"D)*
Weight:	1 kg (2 lbs.)

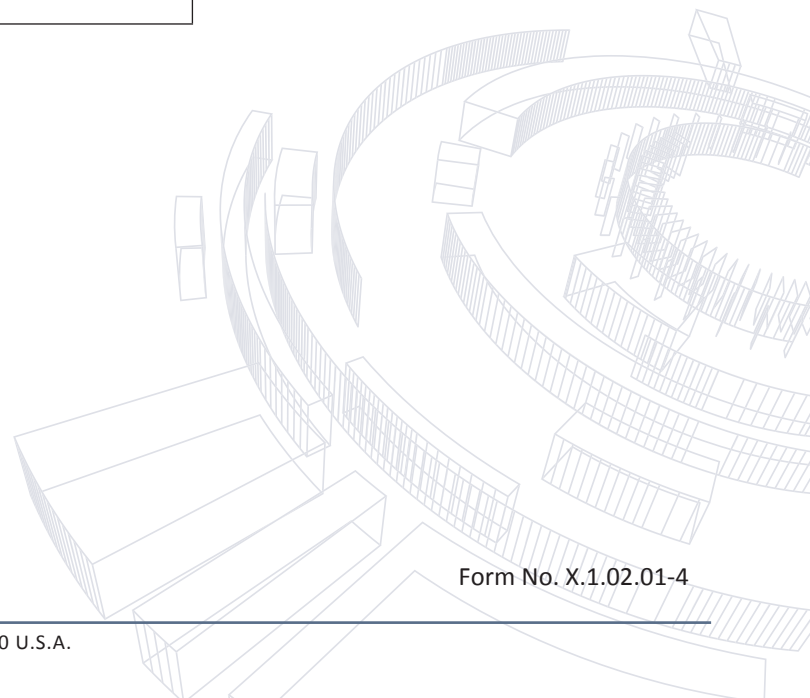
* Dimensions are nominal



Fike P/N E10-0067

APPROVALS:

- FM Approved
- CE marked (EMC - LVD tested and approved)
- CSA Approved (LR 091515)



Form No. X.1.02.01-4

WIRING DIAGRAM

