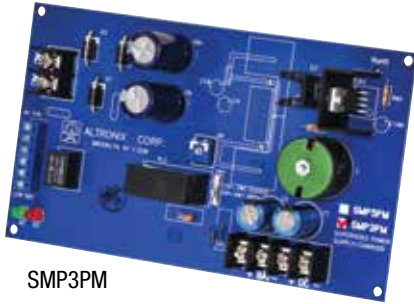




Altronix®

SMP3PM Supervised Power Supply/Charger

Rev. DSSMP3PM_05142015



SMP3PM

Overview

SMP3PM supervised power supply/charger converts a low voltage AC input into a 12VDC or 24VDC output. This unit has a wide range of applications for access control, security and CCTV system accessories that require additional power.

Specifications

Input:

- 12VDC applications use TP1640, T2428100.
- 24VDC applications use T2428100.

Output:

- 12VDC or 24VDC selectable output.
- 2.5 amp continuous supply current.
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.

Battery Backup:

- Built-in charger for sealed lead acid or gel type batteries.
- Automatic switch over to stand-by battery when AC fails.
- Maximum charge current 0.3 amp.
- Battery short circuit protection (circuit breaker).

Supervision:

- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).

Visual Indicators:

- AC input and DC output LED indicators.

Electrical:

- Operating temperature: -20°C to 49°C ambient.
- BTU/Hr.:
 - 12VDC: 15.35 BTU/Hr.
 - 24VDC: 30.71 BTU/Hr.
- System AC input VA requirement:
 - 12VDC: 55.2VA.
 - 24VDC: 115VA.

Features:

- Includes battery leads.

Mechanical:

- Board Dimensions (L x W x H approx.):
4.05" x 7" x 1.35" (102.87mm x 177.8mm x 34.29mm)
- Product weight (approx.): 0.4 lbs. (0.18 kg).
- Shipping weight (approx.): 0.5 lbs. (0.23 kg).

Board Dimensions (L x W x H approximate):

4.05" x 7" x 1.35" (102.87mm x 177.8mm x 34.29mm)

