



SMP5PM

### Overview

SMP5PM 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 T2428100.
- 24VDC applications use T2428175.

#### Output:

- 12VDC or 24VDC selectable output.
- 4 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:  $-20^{\circ}\text{C}$  to  $49^{\circ}\text{C}$  ambient.
- BTU/Hr.:
  - 12VDC: 24.57 BTU/Hr.
  - 24VDC: 49.13 BTU/Hr.
- System AC input VA requirement:
  - 12VDC: 115VA.
  - 24VDC: 184VA.

#### Features:

- Includes battery leads.

#### Mechanical:

- Board Dimensions (L x W x H approx.): 4.05" (102.87mm) x 7" (177.8mm) x 1.35" (34.29mm)
- Product weight (approx.): 0.45 lbs. (0.20 kg).
- Shipping weight (approx.): 0.6 lbs. (0.27 kg).

#### Board Dimensions (L x W x H) (approximate):

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

