

The TA-2525 power supply is specifically designed for use with access control systems and accessories. This unit converts a 115VAC / 60Hz input into five (5) individually protected Class 2 Rated power limited 12VDC or 24VDC outputs (see specifications). Each output will route power to a variety of access control hardware devices including Mag Locks, Electric Strikes, Magnetic Door Holders, etc. These outputs will operate in both Fail-Safe and Fail-Secure modes. Controlled trigger input is achieved through normally open (N.O.) or normally closed (N.C.) supervised input or the polarity reversal from an FACP (Fire Alarm Control Panel). A form "C" dry output relay enables HVAC Shutdown, Elevator Recall or may be used to trigger auxiliary devices.



Features

- 12VDC or 24VDC selectable output.
- 2.5 Amp supply current.
- Five (5) individual Class 2 Rated power limited outputs rated @ 2.5 Amp.
- Input 115VAC / 60Hz, 1.45 Amp.
- Input fuse rated @ 3.5 Amp/250V.
- Fire Alarm Panel or Access Control System trigger inputs. N.O. or N.C. supervised trigger input and polarity reversal trigger input.
- Output relay energizes when unit is triggered (form "C" contact rated 1 Amp @ 28VDC).
- Power fail supervision relay (form "C" contact rated 1 Amp @ 28VDC).
- Filtered and electronically regulated output.
- Short circuit and thermal overload protection.
- Built-in charger for sealed lead acid or gel-type batteries.
- Maximum charge current 0.7 Amp.
- Automatic switch over to stand-by battery when AC fails (zero voltage drop).
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).
- AC input and DC output LED indicators (power supply board).
- Red LEDs indicate condition of power outputs (multi-output board).
- Power & input trigger LEDs (multi-output board).



UL Listed for Access Control Systems Units (UL 294).
UL Listed Standard for Power Supplies for Use with Burglar-Alarm System Units (UL 603).
UL Listed Hospital Signaling and Nurse Call Equipment (UL 1069).
UL Listed Standard for Safety for Fire Protective Signaling Systems (UL 1481).



CUL Listed - CSA Standard C22.2
No.205-M1983 Signal Equipment.

