



# PIB-3UL, PIB-4UL & PIB-6UL Series

## UL Listed Access Control Power Supplies

**HIGH PERFORMANCE AT AN  
ECONOMICAL PRICE**

**12 OR 24V DC OUTPUT**

**SELF-RESETTING *SMARTFUSE*  
PROTECTION**

**3, 4 & 6 AMP MODELS**



The PIB series offers an extensive choice of self-contained supplies/chargers for converting 115V AC / 60Hz input to a power limited 12V DC or 24V DC output. All models are suitable for use in installations requiring UL listing for Access Control and Fire Alarm (UL1481) applications. Each power supply comes in a sturdy metal housing with space for up to two 12AH batteries.

### MODEL SELECTION

Four models are available at each voltage output level.

#### 3 AMP OUTPUT

**PIB-3UL:** Regular 3 Amp model, gray housing

**PIB-3ULR:** In red housing

**PIB-3UL-8:** Includes low battery cutoff and 8 *switchable SmartFused* outputs for door opening in the event of a fire alarm (failsafe or failsecure). Gray housing

**PIB-3ULR-8:** As above, in red housing

#### 4 AMP OUTPUT

**PIB-4UL:** Regular 4 Amp model, gray housing

**PIB-4ULR:** In red housing

**PIB-4UL-8:** Includes low battery cutoff and 8 *switchable SmartFused* outputs for door opening in the event of a fire alarm (failsafe or failsecure). Gray housing

**PIB-4ULR-8:** As above, in red housing

#### 6 AMP OUTPUT

**PIB-6UL:** Regular 6 Amp model, gray housing

**PIB-6ULR:** In red housing

**PIB-6UL-8:** Includes low battery cutoff and 8 *switchable SmartFused* outputs for door opening in the event of a fire alarm (failsafe or failsecure). Gray housing

**PIB-6ULR-8:** As above, in red housing

### FEATURES

- Short circuit and thermal overload protection by self-resetting *SmartFuses* for reduced service calls.
- Built-in charger for sealed lead acid or gel batteries
- Maximum charge current 0.7 Amp
- Automatic switch to stand-by battery back-up with zero voltage drop on switch-over
- AC fail supervision (form "C" contacts)
- Battery presence and low battery supervision (form "C" contacts)
- Filtered and electronically regulated outputs
- 20 mV p/p output ripple
- Cam lock, battery leads and power cord supplied
- "M" models include low battery cut-off and 8 *switchable SmartFused* outputs for door opening in the event of a fire alarm (failsafe or failsecure).

### ACCESSORIES (for use in any power supply)

**IM-1:** Single output fire relay interface module. Drops power in presence of a fire alarm to open doors.

**IM-8:** Provides AC & battery supervision, low battery cutoff, 8 *switchable SmartFused* outputs for power distribution and door opening in presence of a fire alarm (failsafe or fail-secure).

**AI-80:** Interface Board with 8 outputs *SmartFused* at 1.1 Amps. Distributes power to door strikes, readers etc. Includes AC and battery supervision via Form C contacts, low battery cut-off and fire relay interface.

**LB-100-12 & LB-100-24:** Low battery cut-off module. Protects batteries during power outages. Automatically disconnects battery when its voltage reaches 8.9V (LB- 100-12) or 17.8V (LB- 100-24). When AC power is restored, battery can be recharged by power supply with no damage. A switch provides disconnection of AC and battery power. AC surge protection is also provided.