

LV-8

Low Voltage Power Distribution Module

BASE

for **SECURITY • ACCESS CONTROL** systems

- Distributes Power to 8 Fused Outputs
- Interfaces to Access and Fire System Panels
- Emergency Power Disconnect / Alarm Monitor
- Service Bypass Switch with Alarm Interlock
- Improves System and Power Reliability
- Complete Manual and Wiring Diagrams
- Durable, Quality Construction • Compact Size
- 2 Year Warranty

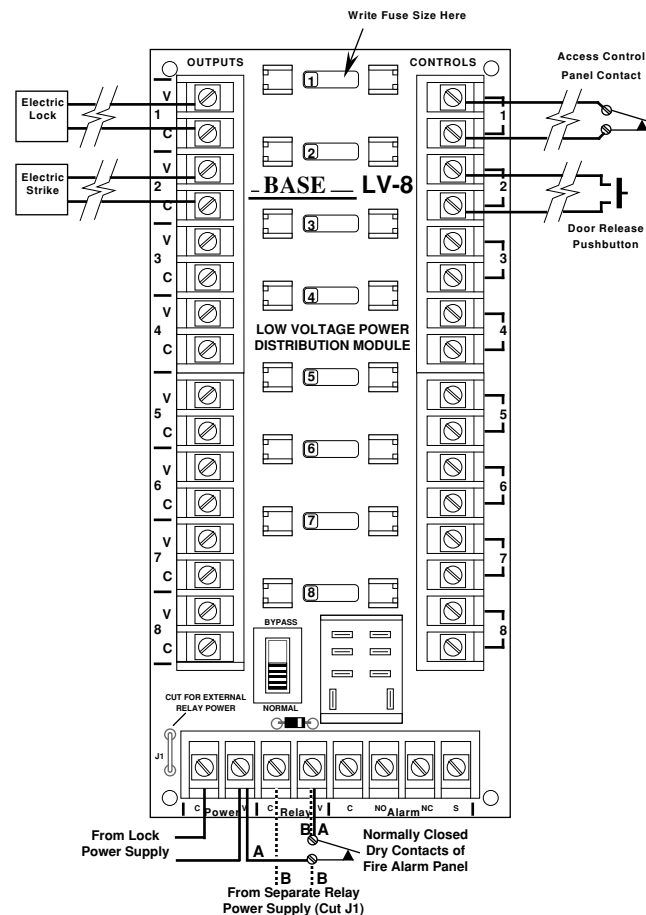


Figure 1 - LV-8 Wiring Diagram

The LV-8 distributes power from a low voltage power source to 8 individually fused outputs. Terminals are provided for the direct control of each output by an Access Control system. The module includes a high-current Disconnect Relay socket and easily interfaces to Fire, Life Safety or Alarm Panels to provide Emergency Power Disconnect. Auxiliary contact terminals are provided for alarm monitoring of the Disconnect feature. A Disconnect bypass switch is included for service convenience. Installs fast. No soldering or wire terminal crimping. All instructions, wiring diagrams, and mounting hardware is included. Improves power reliability and makes system maintenance easier. Using the LV-8 helps provide a custom, professional installation and reduces costly, emergency service calls.

LV-8 Low Voltage Power Distribution Module

Specifications

- **Environmental**

Indoor Temperature Range: -25° C. to +70°C.

- **Electrical**

Maximum Voltage AC/DC: 30V (LV)

Maximum Recommended Total Current : 8A

Maximum Recommended Current at any Output : 2.5A

Connections: Captive Wire Screw Terminals for #14 to #24AWG Wire

Fuseholders: for standard 3AG type fuses supplied separately (available through BASE)

Relay Socket: for IDEC RH Series plug-in relays (available through BASE)

- **Size**

3.75 wide by 8.00 long by 2.50 maximum height with relays installed (inches)

- **Mounting**

(4) 1/4 inch high nylon standoffs included for PCB mounting into user-supplied enclosure.

- **Controls and Jumpers**

Relay Power Jumper: Uncut = Powered by LV, Cut = Powered by External Power

Bypass Switch: Bypass = Emergency Power Disconnect Circuit Bypassed

- **Models**

LV-8S Selectable Series Power Distribution Module - 8 outputs with Disconnect

LV-8 Power Distribution Module - 8 outputs with Disconnect

- **Other BASE Products**

LV-8A - Basic Low Voltage Power Distribution - 8 Fused Outputs

LV-8RS - Selectable Series 8 Output Power Distribution with Isolation Relays

RTM Series Relay Terminal Modules

LVPC Series Low Voltage Power Cabinets

LVPC Custom Pre-wired Power Distribution Enclosures

For additional information, pricing, applications assistance or custom designed products contact:

BASE

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SECURITY, POWER AND INSTRUMENTATION PRODUCTS

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