

LV-8RS LV-8RS-N

Low Voltage Power Distribution Module

Selectable Series

BASE

for **SECURITY • ACCESS CONTROL** systems



LISTED

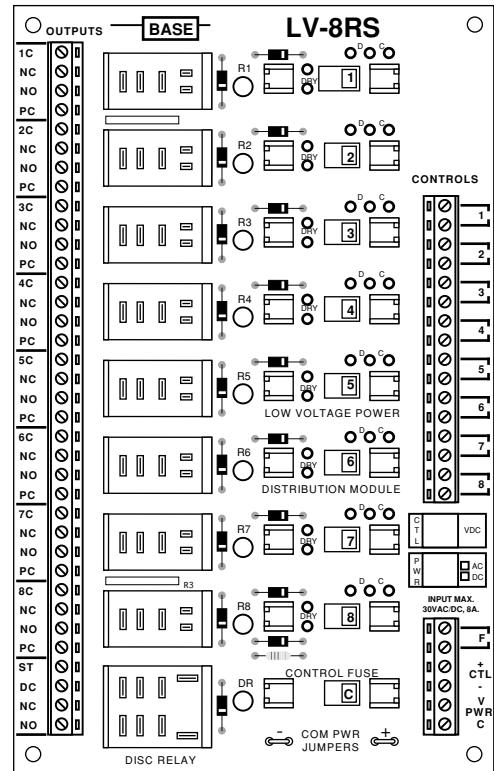
- Distributes Power to 8 Fused Outputs through Isolation Relays
- Each Output separately configurable for
 - Fused Fail Safe Operation
 - Fused Fail Secure Operation
 - Dry Contacts - Non Powered
- Positive (source) or Negative (sink) Relay Control
- Emergency Disconnect & Alarm Monitor
- Red LED Indicators at all Relay Positions
- Complete Manual and Wiring Diagrams
- Compact Size 5.0 x 8.0 x 2.5 inches installed
- 2 Year Warranty

The LV-8RS / LV-8RS-N distributes power from a low voltage power source to 8 fused outputs through output isolation relays -or- can be configured to provide up to 8 dry contact relay outputs. Terminals are provided for control of each output relay by an Access Control system.

Each of the 8 outputs includes a *removable* jumper clip that makes each output easily independently configurable for one of 3 modes of operation.

Each module includes a high-current 2-pole Disconnect Relay socket and easily interfaces to Fire, Life Safety or Alarm Panels to provide Emergency Power Disconnect. Auxiliary contact terminals are provided for monitoring the Disconnect feature. Relays and 3AG-type Fuses provided separately. Models are available for positive (source) or negative (sink) control.

Red LED indicators are provided for easy identification of energized relays. 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.



Configuration Jumper (8)

Mounting Standoff (4)

- D = Disconnect or Fail Safe Mode.
- C = Continuous or Fail Secure Mode
- DRY = Dry Contact Mode - Form C

LV-8RS / LV-8RS-N Low Voltage Power Distribution Module

Specifications

Selectable Series

• 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 Sockets: for IDEC RH Series plug-in relays (available through BASE)



• Size

5.00 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

Red LED Indicators at all 9 relay positions

Common Power - and +, Cut = Separate Relay Control Power, Uncut = Common Power

Mode Jumpers - each Output, D = Disconnect or Fail Safe Mode

C = Continuous or Fail Secure Mode

DRY = Dry Contact Mode - nonpowered Form C

• Models

LV-8RS Positive Control for Relays (source)

LV-8RS-N Negative Control for Relays (sink)

• Other BASE Products

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

LV-8S - Selectable 8 Output Power Distribution without 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

www.baseelectronics.com

SECURITY, POWER AND INSTRUMENTATION PRODUCTS

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