

General Purpose

Power Relay

SZR-LY Series

FEATURES

- Small package design
- ARC barrier equipped
- Silver Cadmium Oxide contact
- High dielectric strength (1,800 Vac)
- High reliability and long life
- Ultra-high sensitivity with quick response time (25 ms max.)
- High vibration and shock resistance
- Options include LED indicator, diode protection, and LED indicator/diode protection
- UL listed, CE certified, CSA certified

TYPICAL APPLICATIONS

- Control panels
- Elevator panels
- Machine tools
- Test equipment



SZR-LY Series general-purpose power relays are designed for a wide range of applications including power as well as logic control for factory machines and control panels.

SZR-LY Series relays break 10 A loads and are ideal for control panels that require stable and reliable relays.

One standard and three options are available: LED indicator, internal surge protection diode, and LED indicator/diode protection. Honeywell's global sales and distribution channels ensure a rapid response and excellent customer service.

⚠ WARNING

PERSONAL INJURY

DO NOT USE these products as safety or emergency stop devices or in any other application where failure of the product could result in personal injury.

Failure to comply with these instructions could result in death or serious injury.

⚠ WARNING

MISUSE OF DOCUMENTATION

- The information presented in this product sheet is for reference only. Do not use this document as a product installation guide.
- Complete installation, operation, and maintenance information is provided in the instructions supplied with each product.

Failure to comply with these instructions could result in death or serious injury.

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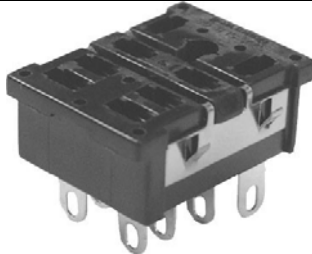
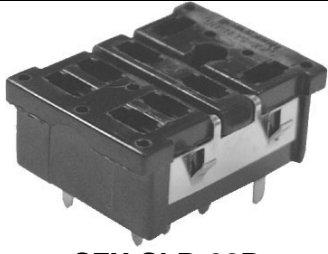

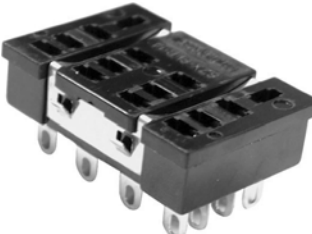

Power Relays

SZR-LY Series

RELAY MODEL SELECTION GUIDE

| Type | Terminal | Contact | Catalog Listing |
|-----------------------------------|----------------|---------|-------------------|
| Standard | Plug-in/Solder | DPDT | SZR-LY2-1 |
| | | 4PDT | SZR-LY4-1 |
| | PCB | DPDT | SZR-LY2-1P |
| | | 4PDT | SZR-LY4-1P |
| LED Indicator | Plug-in/Solder | DPDT | SZR-LY2-N1 |
| DIODE surge suppression | | 4PDT | SZR-LY4-N1 |
| | | DPDT | SZR-LY2-D1 |
| LED indicator + surge suppression | | 4PDT | SZR-LY4-D1 |
| | | DPDT | SZR-LY2-X1 |
| | | 4PDT | SZR-LY4-X1 |

SOCKETS – REQUIRED ACCESSORIES

| Relay Contact | Din-rail Mounting | Solder Terminal | PCB Terminal |
|---|--|---|---|
| DPDT For use with SZR-LY2-1, - N1, -D1, -X1 |  SZX-SLF-08N |  SZX-SLB-08 |  SZX-SLB-08P |
| 4PDT For use with SZR-LY4-1, - N1, -D1, -X1 |  SZX-SLF-14 |  SZX-SLB-14 |  SZX-SLB-14P |

CONTACT RATINGS

| Ratings | Load | Resistive Load (p.f. = 1) | Inductive load (p.f. = 0.4, L/R = 7 ms) |
|-------------------------|------|-------------------------------|--|
| Rated load | | 110 Vac, 10 A 24 Vdc, 10 A | 110 Vac, 7.5 A 24 Vdc, 5 A |
| Carry current | | 10 A | |
| Max. operating voltage | | 250 Vac, 125 Vdc | |
| Max. operating current | | 10 A | |
| Max. switching capacity | | 1,100 VA, 240 W | 825 VA, 120 W |
| Min. permissible load | | 5 Vdc, 100 mA | |