

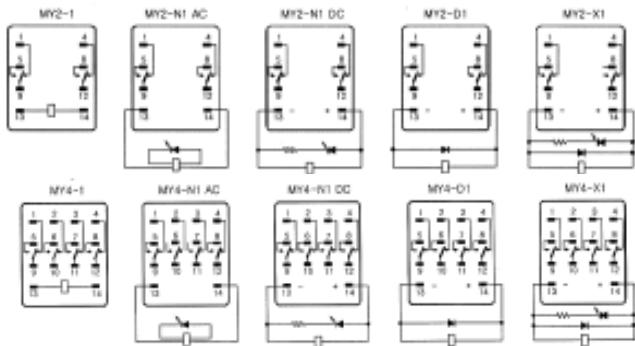
SZR-MY Series Power Relay



SZR-MY 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-MY Series relays have a small package design for multiple application needs. Relays are available in two configurations: DPDT with a 5 A load and 4PDT with a 3 A load. One standard and three options are available: LED indicator, internal surge protection diode, and LED indicator/diode protection.

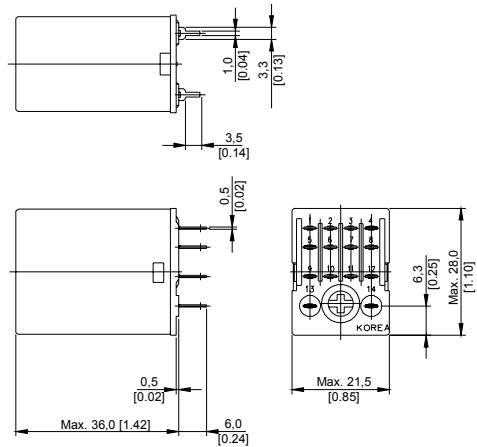
| | |
|---------------------------|------------------------------------|
| Current rating (SZR-MY2): | 5 A |
| Current rating (SZR-MY4): | 3 A |
| Contact resistance: | 50 mOhm max. |
| Contact material: | Fine silver |
| Agency approvals: | UL, CE, CSA |
| Operate time: | 20 ms max. |
| Release time: | 20 ms max. |
| Ambient temperature: | -25 °C to 75 °C (-13 °F to 167 °F) |
| Ambient humidity: | 45% RH to 85% RH |
| Switching options: | DPDT, 4PDT |



MY2 Series

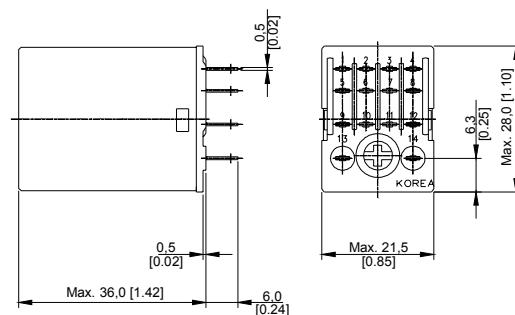
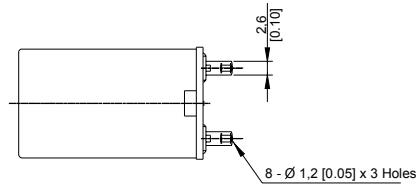
OPTIONS

Standard, PCB Terminal, DPDT



| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|------------------------|
| 110/120 Vac | 250 Vac/5 amp | SZR-MY2-1P-AC110-120V |
| 220/240 Vac | 250 Vac/5 amp | SZR-MY2-1P-AC220V-240V |
| 24 Vdc | 125 Vdc/1 amp | SZR-MY2-1P-DC24V |

Solder/Plug-In Terminal, DPDT



Standard

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|----------------------|
| 110/120 Vac | 250 Vac/5 amp | SZR-MY2-1-AC110-120V |
| 220 Vac | 250 Vac/5 amp | SZR-MY2-1-AC220V |
| 12 Vdc | 125 Vdc/1 amp | SZR-MY2-1-DC12V |
| 24 Vdc | 125 Vdc/1 amp | SZR-MY2-1-DC24V |

LED Indicator

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|-----------------------|
| 110/120 Vac | 250 Vac/5 amp | SZR-MY2-N1-AC110-120V |
| 220 Vac | 250 Vac/5 amp | SZR-MY2-N1-AC220V |
| 12 Vdc | 125 Vdc/1 amp | SZR-MY2-N1-DC12V |
| 24 Vdc | 125 Vdc/1 amp | SZR-MY2-N1-DC24V |

Diode Protection

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|------------------|
| 24 Vdc | 125 Vdc/1 amp | SZR-MY2-D1-DC24V |

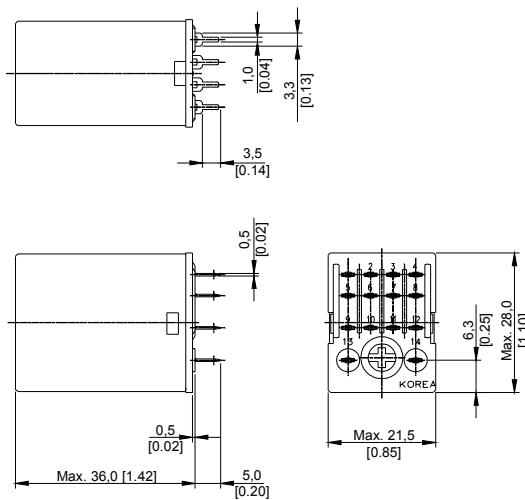
LED Indicator/Diode Protection

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|------------------|
| 24 Vdc | 125 Vdc/1 amp | SZR-MY2-X1-DC24V |

MY4 Series

OPTIONS

Standard, PCB Terminal, 4PDT

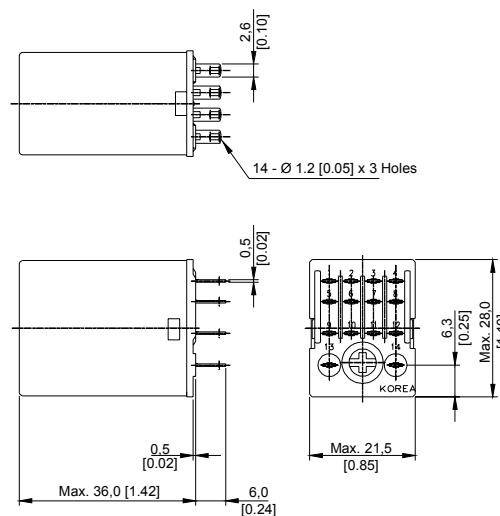


COIL INPUT VOLTAGE
110/120 Vac
220/240 Vac
24 Vdc

MAX. CONTACT RATING
250 Vac/3 amp
250 Vac/3 amp
125 Vdc/0.6 amp

REFERENCE
SZR-MY4-1P-AC110-120V
SZR-MY4-1P-AC220V-240V
SZR-MY4-1P-DC24V

Solder/Plug-In Terminal, 4PDT



Standard

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|----------------------|
| 110/120 Vac | 250 Vac/3 amp | SZR-MY4-1-AC110-120V |
| 220 Vac | 250 Vac/3 amp | SZR-MY4-1-AC220V |
| 12 Vdc | 125 Vdc/0.6 amp | SZR-MY4-1-DC12V |
| 24 Vdc | 125 Vdc/0.6 amp | SZR-MY4-1-DC24V |

LED Indicator

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|-----------------------|
| 110/120 Vac | 250 Vac/3 amp | SZR-MY4-N1-AC110-120V |
| 220 Vac | 250 Vac/3 amp | SZR-MY4-N1-AC220V |
| 12 Vdc | 125 Vdc/0.6 amp | SZR-MY4-N1-DC12V |
| 24 Vdc | 125 Vdc/0.6 amp | SZR-MY4-N1-DC24V |

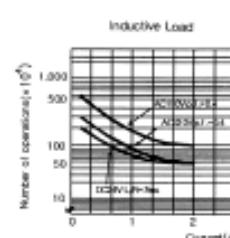
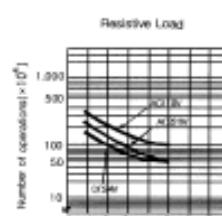
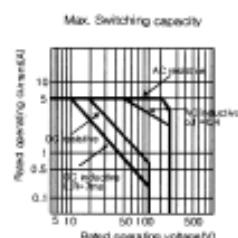
Diode Protection

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|------------------|
| 24 Vdc | 125 Vdc/0.6 amp | SZR-MY4-D1-DC24V |

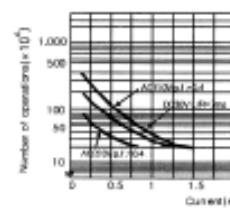
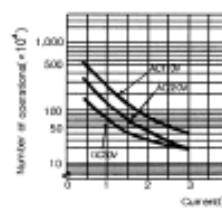
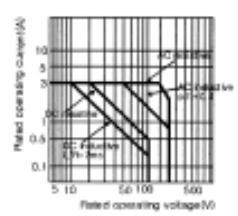
LED Indicator/Diode Protection

| COIL INPUT VOLTAGE | MAX. CONTACT RATING | REFERENCE |
|--------------------|---------------------|------------------|
| 24 Vdc | 125 Vdc/0.6 amp | SZR-MY4-X1-DC24V |

DPDT



4PDT



Honeywell

www.honeywell.com/sensing

SZR-LY Series Power Relay



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 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.

Current rating:

10 A

Contact resistance:

50 mOhm max.

Contact material:

Silver cadmium oxide

Agency approvals:

UL, CE, CSA

Operating frequency:

18,000 operations/hour (mechanical)

1,800 operations/hour (electrical)

25 ms max.

Operate time:

25 ms max.

Release time:

25 ms max.

Ambient temperature:

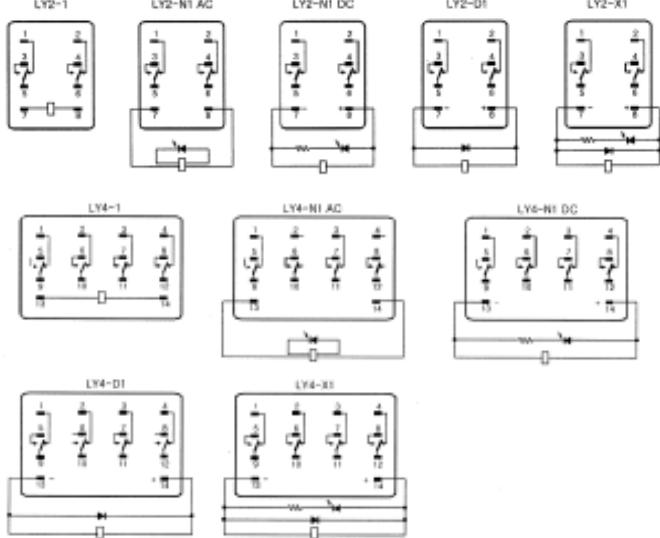
-25 °C to 70 °C (-13 °F to 158 °F)

Ambient humidity:

45% RH to 85% RH

Switching options:

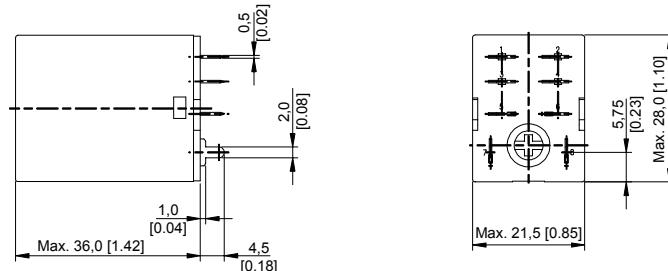
DPDT, 4PDT



LY2 Series

OPTIONS

Standard, PCB Terminal, DPDT



COIL INPUT VOLTAGE

110/120 Vac

MAX. CONTACT RATING

250 Vac/10 amp

24 Vdc

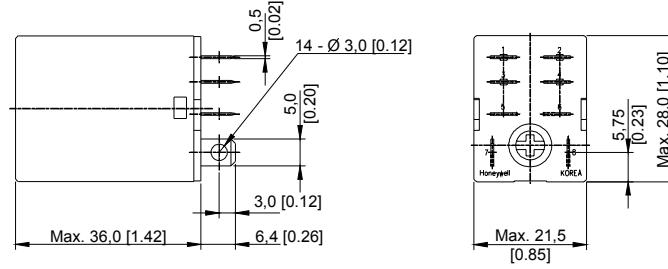
125 Vdc/2 amp

REFERENCE

SZR-LY2-1P-AC110-120V

SZR-LY2-1P-DC24V

Solder/Plug-In Terminal, DPDT



Standard

COIL INPUT VOLTAGE

110/120 Vac

MAX. CONTACT RATING

250 Vac/10 amp

220 Vac

250 Vac/10 amp

12 Vdc

125 Vdc/2 amp

24 Vdc

125 Vdc/2 amp

REFERENCE

SZR-LY2-1-AC110-120V

SZR-LY2-1-AC220V

SZR-LY2-1-DC12V

SZR-LY2-1-DC24V

LED Indicator

COIL INPUT VOLTAGE

110/120 Vac

MAX. CONTACT RATING

250 Vac/10 amp

220 Vac

250 Vac/10 amp

12 Vdc

125 Vdc/2 amp

24 Vdc

125 Vdc/2 amp

REFERENCE

SZR-LY2-N1-AC110-120V

SZR-LY2-N1-AC220V

SZR-LY2-N1-DC12V

SZR-LY2-N1-DC24V

Diode Protection

COIL INPUT VOLTAGE

24 Vdc

MAX. CONTACT RATING

125 Vdc/2 amp

REFERENCE

SZR-LY2-D1-DC24V

LED Indicator/Diode Protection

COIL INPUT VOLTAGE

24 Vdc

MAX. CONTACT RATING

125 Vdc/2 amp

REFERENCE

SZR-LY2-X1-DC24V