

Relay

Honeywell



SENSING AND CONTROL

Product Range Guide

For innovation that's well apart, there's only Honeywell Sensing and Control.

With more than 50,000 products ranging from snap-action, limit, toggle, and pressure switches to position, speed, pressure, and airflow sensors, Honeywell Sensing and Control (S&C) has one of the broadest sensing and switching portfolios available.

Honeywell sensor, switch, and control components are tailored to exact specifications for stronger performance, longer productivity, and increased safety. Enhanced accuracy and durability are built into every part, improving output and endurance. For our customers, this can reduce expenditures and operational costs. Our global footprint and channels help to competitively price such components for your chosen application and provide immediate technical support.

Our expertise in aerospace and defense, transportation, medical, and industrial industries means we offer products and solutions for a wide range of applications. But, an impressive product line is only one part. We possess unique engineering expertise and value-added capabilities.

While Honeywell's switch and sensor solutions are suitable for a wide array of basic and complex applications, our custom-engineered solutions offer enhanced precision, repeatability, and ruggedness. We offer domain knowledge and technology resources, along with a close working relationship, to develop and deliver cost-effective, individually tailored solutions. Whether clean-slate development or simple modifications



to an existing design are needed, our expertly engineered solutions help to meet the most stringent requirements with worldclass product designs, technology integration, and customer-specific manufacturing.

With a 75-year legacy in the switch and sensor business, Honeywell S&C has earned a reputation for reliability and excellence. Our strong product designs, Six Sigma Plus manufacturing environment, and robust testing facilities help provide quality out of the box, as well as enhanced, sustainable performance down the line.

Global service, sourcing, and manufacturing. Industry-leading engineers. Value-added assemblies and solutions. Construction to required specifications. A one-stop, full-service, globally competitive supplier... Honeywell Sensing and Control.

Table of Contents

SZR-MY/LY SERIES

| | | | |
|--|---|---|---|
| DESCRIPTION | 1 | Options:SZR-LY2 SERIES PARAMETERA | 4 |
| FEATURES | 1 | Options:SZR-LY4 SERIES PARAMETER | 5 |
| Application | 1 | Options:SZX SERIES PARAMETER | 6 |
| Model | 1 | Options:SZX CLIP SERIES | 6 |
| Options:SZR-MY2 SERIES PARAMETER | 2 | Dimension. Bottom view:SZR,SZX SERIES PARAMETER | 7 |
| Options:SZR-MY4 SERIES PARAMETER | 3 | | |



SZR-MY/LY SERIES

Relay

DESCRIPTION

SZR-MY series general purpose power relays are designed for general purpose and a wide range of applications from power to sequence controls in various factory machines and control panels.

These relays are small sizes with two contact types, MY series 2 pole (DPDT) version break 5A load and 4 poles (4PDT) version break 3A load. LY series version break 10A load. They are ideal for electric control panels which require stable and reliable relays.

One standard type and two special types are available, general purpose type-with LED, and without LED. These options allow the customers to select the appropriate model based on their needs.

FEATURES

- ◆ Small size, standard install size
- ◆ MY2: Ag alloy, 2-pole type breaks 5A load
- ◆ MY4: Ag alloy, 2-pole type breaks 3A load
- ◆ LY Series: Ag alloy, breaks 10A load
- ◆ LY series with Arc barrier to prevent Arc interruption
- ◆ High reliability and long life
- ◆ High sensitivity with quick response time $\leq 20\text{ms}$
- ◆ High vibration and shock resistance
- ◆ With LED
- ◆ CE CQC approved

APPLICATION

- ◆ Control panels / elevator panels / control cabinet
- ◆ Control system for elevator
- ◆ Machine tools control / factory logic control
- ◆ Test Equipment
- ◆ Transmission and Distribution of Electrical Energy

MODEL

SZR-MY 2 - S- N 1 AC110/120V

① ② ③ ④ ⑤ ⑥ ⑦

① General relay

② Current level

MY: 5A or 3A

LY: 10A

③ Circuit

2: DPDT

4: 4PDT

④ Purchase type

S: NULL

⑤ Option

Blank: Without LED

N: With LED

⑥ 1: Null

⑦ Voltage level

AC6V = 6 VAC

AC12V = 12 VAC

AC24V = 24 VAC

AC48V = 48 VAC

AC110/120V = 110/120 VAC

AC220V = 220 VAC

DC6V = 6 VDC


DC12V = 12 VDC

DC24V = 24 VDC


DC48V = 48 VDC

DC110V = 110 VDC


Options: SZR-MY2 SERIES PARAMETER

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | SZR-MY2-S-1 AC6V | | SZR-MY2-S-1 AC12V | | SZR-MY2-S-1 AC24V | | SZR-MY2-S-1 AC48V | | SZR-MY2-S-1 AC110/120V | | SZR-MY2-S-1 AC220V | | SZR-MY2-S-1 DC6V | | SZR-MY2-S-1 DC12V | | SZR-MY2-S-1 DC24V | | SZR-MY2-S-1 DC48V | | SZR-MY2-S-1 DC110V | | SZR-MY2-S-N1 AC6V | | SZR-MY2-S-N1 AC12V | | SZR-MY2-S-N1 AC24V | | SZR-MY2-S-N1 AC48V | | SZR-MY2-S-N1 C110/120V | | SZR-MY2-S-N1 AC220V | | SZR-MY2-S-N1 DC6V | | SZR-MY2-S-N1 DC12V | | SZR-MY2-S-N1 DC24V | | SZR-MY2-S-N1 DC48V | | SZR-MY2-S-N1 DC110V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Contact parameter | | Rated current | | 5A | | | | | | | | | | | | | | | | | | | | | | Contact form | | DPDT | | | | | | | | | | | | | | | | | | | | | | Resistance load | | 250VAC, 5A | | | | 30VDC, 5A | | | | 250VAC, 5A | | | | 30VDC, 5A | | | | Switching capacity (resistance) | | 1250VA | | | | 150W | | | | 1250VA | | | | 150W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coil parameter | | Options | | Standard type, without LED | | | | | | | | | | With LED | | | | | | | | | | Coil voltage | | 6VAC | | 12VAC | | 24VAC | | 48VAC | | 110/120VAC | | 220VAC | | 6VDC | | 12VDC | | 24VDC | | 48VDC | | 110VDC | | Coil resistance (ohm) | | 11.5 | | 40 | | 160 | | 600 | | 3750/3900 | | 13000 | | 40 | | 160 | | 630 | | 2600 | | 11000 | | Rated current(mA) 50Hz testing | | 215 | | 106.9 | | 62.4 | | 33.3 | | 12.6 | | 6.5 | | 150 | | 75 | | 36.9 | | 18.5 | | 10 | | Rated current (mA) 60Hz testing | | 190 | | 98.2 | | 52.2 | | 27.8 | | 10.8 | | 5.4 | | 150 | | 75 | | 36.9 | | 18.5 | | 10 | | Consumed power (W) 60Hz testing | | 1.2VA | | | | | | | | | | 0.9W | | | | | | | | | | Voltage drop (for reted voltage) | | Min. 30% | | | | | | | | | | Min.10% | | | | | | | | | | Min. operating voltage | | Max.80% rated voltage | | | | | | | | | | Max.75% rated voltage | | | | | | | | | | Max. continuous operating voltage | | 110% rated voltage | | | | | | | | | | | | | | | | | | | | | | Min.operating valtage | | 80% rated voltage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Whole parameter | | Operate time | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | Release voltag | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | Ambient temperature | | -55 °C~70 °C | | | | | | | | | | | | | | | | | | | | | | Humidity | | 35%~85% RH | | | | | | | | | | | | | | | | | | | | | | Contact material | | Ag alloy | | | | | | | | | | | | | | | | | | | | | | Contact resistance | | max. 50 mΩ | | | | | | | | | | | | | | | | | | | | | | Electrical life | | >100000 (1800ops/h) | | | | | | | | | | | | | | | | | | | | | | Mechanical life | | >1000000 (18000 ops/h) | | | | | | | | | | | | | | | | | | | | | | Insulation resistance | | >500zΩ (500VDC) | | | | | | | | | | | | | | | | | | | | | | Dielectric strength | | Between contact | | | | | | | | | | 1000VAC/1min | | | | | | | | | | Between contact(different pole) | | | | | | | | | | 1000VAC/1min | | | | | | | | | | Between contact and coil | | | | | | | | | | 2000VAC/1min | | | | | | | | | | Vibration resistance | | 10~55Hz, Dual amplitude:1mm | | | | | | | | | | | | | | | | | | | | | | Shock resistance | | 100m/s2 (about 10g) | | | | | | | | | | | | | | | | | | | | | | Weigh | | 35g | | | | | | | | | | | | | | | | | | | | | | Certificate | | CE CQC | | | | | | | | | | | | | | | | | | | | | |

Options: SZR-MY4 SERIES PARAMETER

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | | SZR-MY4-S-1 AC6V | | SZR-MY4-S-1 AC12V | | SZR-MY4-S-1 AC24V | | SZR-MY4-S-1 AC48V | | SZR-MY4-S-1 AC110/120V | | SZR-MY4-S-1 AC220V | | SZR-MY4-S-1 DC6V | | SZR-MY4-S-1 DC12V | | SZR-MY4-S-1 DC24V | | SZR-MY4-S-1 DC48V | | SZR-MY4-S-1 DC110V | | SZR-MY4-S-N1 AC6V | | SZR-MY4-S-N1 AC12V | | SZR-MY4-S-N1 AC24V | | SZR-MY4-S-N1 AC48V | | SZR-MY4-S-N1 AC110/120V | | SZR-MY4-S-N1 AC220V | | SZR-MY4-S-N1 DC6V | | SZR-MY4-S-N1 DC12V | | SZR-MY4-S-N1 DC24V | | SZR-MY4-S-N1 DC48V | | SZR-MY4-S-N1 DC110V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Contact parameter | | Rated current | | 3A | | | | | | | | | | | | | | | | | | | | | | | | Contact form | | 4PDT | | | | | | | | | | | | | | | | | | | | | | | | Resistance load | | 250VAC, 3A | | | | 30VDC, 3A | | | | 250VAC, 3A | | | | 30VDC, 3A | | | | Switching capacity (resistance) | | 750VA | | | | 90W | | | | 750VA | | | | 90W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Coil parameter | | Options | | Standard type, without LED | | | | | | | | | | | | With LED | | | | | | | | Coil voltage | | 6VAC | | 12VAC | | 24VAC | | 48VAC | | 110/120VAC | | 220VAC | | 6VDC | | 12VDC | | 24VDC | | 48VDC | | 110VDC | | Coil resistance (ohm) | | 11.5 | | 40 | | 160 | | 600 | | 3750/3900 | | 13000 | | 40 | | 160 | | 630 | | 2600 | | 11000 | | Rated current (mA) 50Hz testing | | 215 | | 106.9 | | 62.4 | | 33.3 | | 12.6 | | 6.5 | | 150 | | 75 | | 36.9 | | 18.5 | | 10 | | Rated current (mA) 60Hz testing | | 190 | | 98.2 | | 52.2 | | 27.8 | | 10.8 | | 5.4 | | 150 | | 75 | | 36.9 | | 18.5 | | 10 | | Consumed power (W) 60Hz testing | | 1.2VA | | | | | | | | 0.9W | | | | | | | | Voltage drop (for reted voltage) | | Min. 30% | | | | | | | | Min.10% | | | | | | | | Min. operating voltage | | Max.80% rated voltage | | | | | | | | Max.75% rated voltage | | | | | | | | Max. continuous operating voltage | | 110% rated voltage | | | | | | | | | | | | | | | | | | | | | | | | Min.operating valtage | | 80% rated voltage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Operate time | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | | | Release voltag | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | | | Ambient temperature | | -55 °C~70 °C | | | | | | | | | | | | | | | | | | | | | | | | Humidity | | 35%~85% RH | | | | | | | | | | | | | | | | | | | | | | | | Contact material | | Ag alloy | | | | | | | | | | | | | | | | | | | | | | | | Contact resistance | | max. 50 mΩ | | | | | | | | | | | | | | | | | | | | | | | | Electrical life | | >100000 (1800ops/h) | | | | | | | | | | | | | | | | | | | | | | | | Mechanical life | | >1000000 (18000 ops/h) | | | | | | | | | | | | | | | | | | | | | | | | Insulation resistance | | >500zΩ (500VDC) | | | | | | | | | | | | | | | | | | | | | | | | Dielectric strength | | Between contact | | | | | | | | | | | | 1000VAC/1min | | | | | | | | | | | | Between contact (different pole) | | | | | | | | | | | | 1000VAC/1min | | | | | | | | | | | | Between contact and coil | | | | | | | | | | | | 2000VAC/1min | | | | | | | | | | | | Vibration resistance | | 10~55Hz, 1mm | | | | | | | | | | | | | | | | | | | | | | | | Shock resistance | | 100m/s2 (10g) | | | | | | | | | | | | | | | | | | | | | | | | Weigh | | 35g | | | | | | | | | | | | | | | | | | | | | | | | Certificate | | CE | | | | | | | | | | | | CQC | | | | | | | | | | | | | | | |
| | | Whole parameter | | Operate time | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | | | Release voltag | | Max.20hm | | | | | | | | | | | | | | | | | | | | | | | | Ambient temperature | | -55 °C~70 °C | | | | | | | | | | | | | | | | | | | | | | | | Humidity | | 35%~85% RH | | | | | | | | | | | | | | | | | | | | | | | | Contact material | | Ag alloy | | | | | | | | | | | | | | | | | | | | | | | | Contact resistance | | max. 50 mΩ | | | | | | | | | | | | | | | | | | | | | | | | Electrical life | | >100000 (1800ops/h) | | | | | | | | | | | | | | | | | | | | | | | | Mechanical life | | >1000000 (18000 ops/h) | | | | | | | | | | | | | | | | | | | | | | | | Insulation resistance | | >500zΩ (500VDC) | | | | | | | | | | | | | | | | | | | | | | | | Dielectric strength | | Between contact | | | | | | | | | | | | 1000VAC/1min | | | | | | | | | | | | Between contact (different pole) | | | | | | | | | | | | 1000VAC/1min | | | | | | | | | | | | Between contact and coil | | | | | | | | | | | | 2000VAC/1min | | | | | | | | | | | | Vibration resistance | | 10~55Hz, 1mm | | | | | | | | | | | | | | | | | | | | | | | | Shock resistance | | 100m/s2 (10g) | | | | | | | | | | | | | | | | | | | | | | | | Weigh | | 35g | | | | | | | | | | | | | | | | | | | | | | | | Certificate | | CE | | | | | | | | | | | | CQC | | | | | | | | | | | | | |




Options: SZR-LY2 SERIES PARAMETER

| | | | | | | | | | | | | | |
|---|-----------------------------------|----------------------------------|--------------------|--------------------|--------------------|------------------------|---------------------|-----------------------|--------------------|--------------------|--------------------|---------------------|--|
|  | | SZR-LY2-S-N1 AC6V | SZR-LY2-S-N1 AC12V | SZR-LY2-S-N1 AC24V | SZR-LY2-S-N1 AC48V | SZR-LY2-S-N1AC110/120V | SZR-LY2-S-N1 AC220V | SZR-LY2-S-N1 DC6V | SZR-LY2-S-N1 DC12V | SZR-LY2-S-N1 DC24V | SZR-LY2-S-N1 DC48V | SZR-LY2-S-N1 DC110V | |
| | | | | | | | | | | | | | |
| Contact parameter | Rated current | 10A | | | | | | | | | | | |
| | Contact form | DPDT | | | | | | | | | | | |
| | Resistance load | 250VAC, 10A | | | 30VDC, 10A | | | 250VAC, 10A | | | 30VDC, 10A | | |
| | Switching capacity (resistance) | 2500VA | | | 300W | | | 2500VA | | | 300W | | |
| Coil parameter | Options | With LED | | | | | | | | | | | |
| | Coil voltage | 6VAC | 12VAC | 24VAC | 48VAC | 110/120VAC | 220VAC | 6VDC | 12VDC | 24VDC | 48VDC | 110VDC | |
| | Coil resistance (ohm) | 11.5 | 40 | 160 | 600 | 3750/3900 | 13000 | 40 | 160 | 630 | 2600 | 11000 | |
| | Rated current (mA) 50Hz testing | 215 | 106.9 | 62.4 | 33.3 | 12.6 | 6.5 | 150 | 75 | 36.9 | 18.5 | 10 | |
| | Rated current (mA) 60Hz testing | 190 | 98.2 | 52.2 | 27.8 | 10.8 | 5.4 | 150 | 75 | 36.9 | 18.5 | 10 | |
| | Consumed power (W) 60Hz testing | 1.2VA | | | | | | 0.9W | | | | | |
| | Voltage drop (for reted voltage) | Min. 30% | | | | | | Min.10% | | | | | |
| | Min. operating voltage | Max.80% rated voltage | | | | | | Max.75% rated voltage | | | | | |
| | Max. continuous operating voltage | 110% rated voltage | | | | | | | | | | | |
| | Min.operating valtage | 80% rated voltage | | | | | | | | | | | |
| Whole parameter | Operate time | Max.20hm | | | | | | | | | | | |
| | Release voltag | Max.20hm | | | | | | | | | | | |
| | Ambient temperature | -25~55 °C | | | | | | | | | | | |
| | Humidity | 35~85% RH | | | | | | | | | | | |
| | Contact material | Ag alloy | | | | | | | | | | | |
| | Contact resistance | max. 50 mΩ | | | | | | | | | | | |
| | Electrical life | >100000 (1800ops/h) | | | | | | | | | | | |
| | Mechanical life | >1000000 (18000 ops/h) | | | | | | | | | | | |
| | Insulation resistance | >500zΩ (500VDC) | | | | | | | | | | | |
| | Dielectric strength | Between contact | | | | | | 1000VAC/1min | | | | | |
| | | Between contact (different pole) | | | | | | 1000VAC/1min | | | | | |
| | | Between contact and coil | | | | | | 2000VAC/1min | | | | | |
| | Vibration resistance | 10~55Hz, 1mm | | | | | | | | | | | |
| | Shock resistance | 100m/s2 (10g) | | | | | | | | | | | |
| Weigh | 35g | | | | | | | | | | | | |
| Certificate | CE CQC | | | | | | | | | | | | |



Options: SZR-LY4 SERIES PARAMETER

| | | Options | | | | | | | | | | | |
|--------------------------|-------------------------------------|---------------------------------|--------------------|--------------------|--------------------|------------------------|---------------------|-----------------------|--------------------|--------------------|--------------------|---------------------|--|
| | | SZR-LY4-S-N1 AC6V | SZR-LY4-S-N1 AC12V | SZR-LY4-S-N1 AC24V | SZR-LY4-S-N1 AC48V | SZR-LY4-S-N1AC110/120V | SZR-LY4-S-N1 AC220V | SZR-LY4-S-N1 DC6V | SZR-LY4-S-N1 DC12V | SZR-LY4-S-N1 DC24V | SZR-LY4-S-N1 DC48V | SZR-LY4-S-N1 DC110V | |
| Contact parameter | Rated current | 10A | | | | | | | | | | | |
| | Contact form | 4PDT | | | | | | | | | | | |
| | Terminal | PCB/ plug-in terminal | | | | | | PCB | | | | | |
| | Resistance load | 250VAC, 10A | | | 30VDC, 10A | | | 250VAC, 10A | | | 30VDC, 10A | | |
| | Switching capacity (resistance) | 2500VA | | | 300W | | | 2500VA | | | 300W | | |
| Coil parameter | Options | With LED | | | | | | | | | | | |
| | Coil voltage | 6VAC | 12VAC | 24VAC | 48VAC | 110/120VAC | 220VAC | 6VDC | 12VDC | 24VDC | 48VDC | 110VDC | |
| | Coil resistance (ohm) | 5 | 20 | 80 | 320 | 1680/2000 | 6700 | 24 | 96 | 360 | 1540 | 6800 | |
| | Rated current (mA) 50Hz testing | 386 | 199 | 93.6 | 47 | 25.5/27 | 13.1 | 250 | 125 | 62 | 31 | 13.6 | |
| | Rated current (mA) 60Hz testing | 330 | 170 | 80 | 40 | 21.8/22.6 | 11.2 | 250 | 125 | 62 | 31 | 13.6 | |
| | Consumed power (W) 60Hz testing | 2.5VA | | | | | | 1.5W | | | | | |
| | Voltage drop (for reted voltage) | Min. 30% | | | | | | Min.10% | | | | | |
| | Min. operating voltage | Max.80% rated voltage | | | | | | Max.75% rated voltage | | | | | |
| | Max. continuous operating voltage | 110% rated voltage | | | | | | | | | | | |
| Min.operating valtage | 80% rated voltage | | | | | | | | | | | | |
| Whole parameter | Operate time | Max.20hm | | | | | | | | | | | |
| | Release voltag | Max.20hm | | | | | | | | | | | |
| | Ambient temperature | -25~55 °C | | | | | | | | | | | |
| | Humidity | 35~85% RH | | | | | | | | | | | |
| | Contact material | Ag alloy | | | | | | | | | | | |
| | Contact resistance | max. 50 mΩ | | | | | | | | | | | |
| | Electrical life | >100000 (1800ops/h) | | | | | | | | | | | |
| | Mechanical life | >1000000 (18000 ops/h) | | | | | | | | | | | |
| | Insulation resistance | >500zΩ (500VDC) | | | | | | | | | | | |
| | Dielectric strength | Between contact | | | | | | 1000VAC/1min | | | | | |
| | | Between contact(different pole) | | | | | | 1000VAC/1min | | | | | |
| | | Between contact and coil | | | | | | 2000VAC/1min | | | | | |
| | Vibration resistance | 10~55Hz, Dual amplitude:1mm | | | | | | | | | | | |
| Shock resistance | 100m/s2 (about 10g) | | | | | | | | | | | | |
| Weigh | 65g | | | | | | | | | | | | |
| Certificate | CE CQC | | | | | | | | | | | | |

■ Options: SZX SERIES PARAMETER

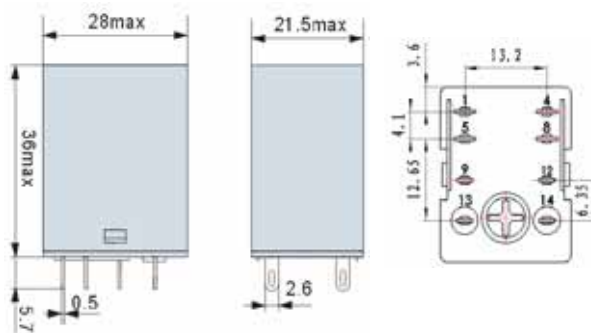
| SZX-SMF-08SN | | SZX-SMF-14SN | |
|--|------------------------|--|------------------------|
|  | |  | |
| SZX-SLF-08SE | | SZX-SLF-14SE | |
|  | |  | |
| SZR-MY2 Matched socket | SZR-MY4 Matched socket | SZR-LY2 Matched socket | SZR-LY4 Matched socket |
| SZX-SMF-08SN | SZX-SMF-14SN | SZX-SLF-08SE | SZX-SLF-14SE |

■ Options: SZX CLIP SERIES

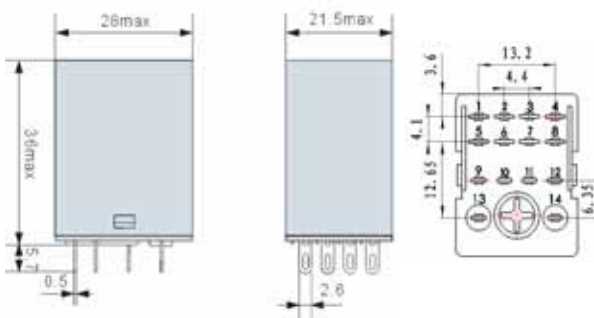
| SZX-SMF-CM | SZX-SLF-CL |
|---|---|
|  |  |
| Matched socket SZX-SMF-08SN SZX-SMF-14SN | Matched socket SZX-SLF-08SE SZX-SLF-14SE |

Dimension. Bottom view: SZR, SZX SERIES PARAMETER

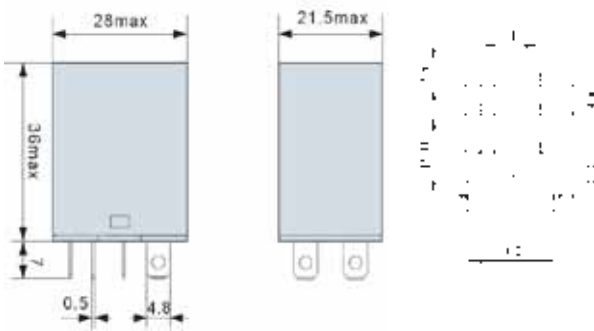
SZR-MY2 Outline & Bottom view



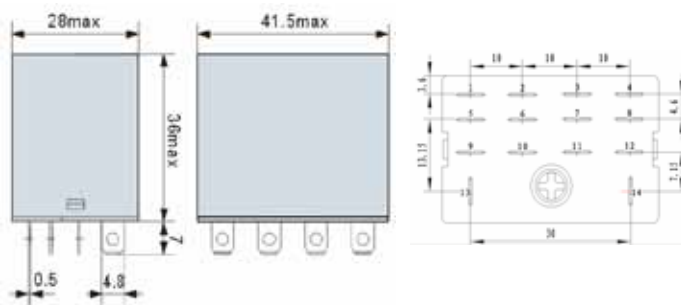
SZR-MY4 Outline & Bottom view



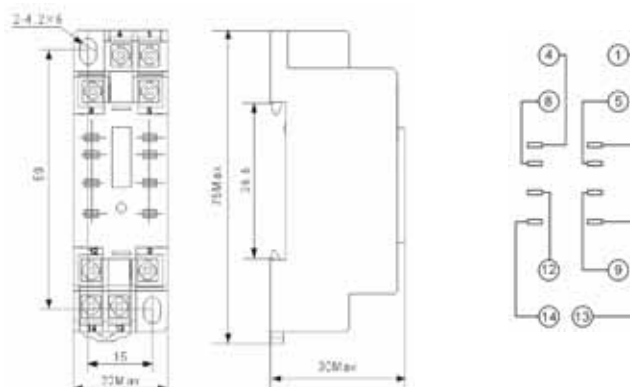
SZR-LY2 Outline & Bottom view



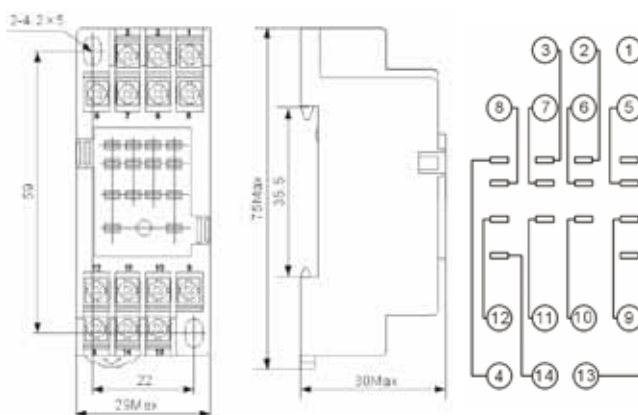
SZR-LY4 Outline & Bottom view



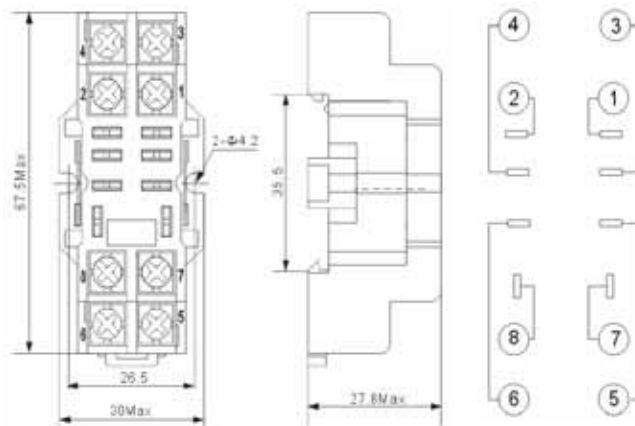
SZX-SMF-08SN outline & install dimension circute diagram



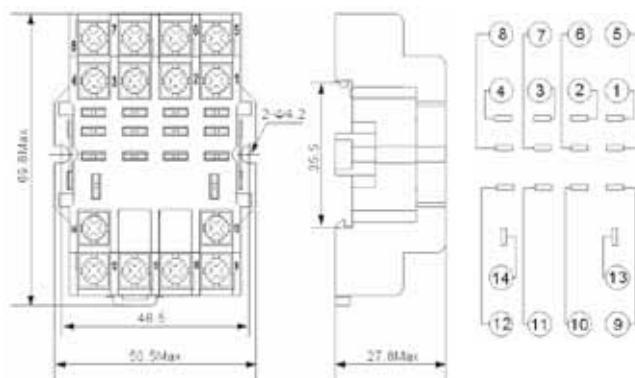
SZX-SMF-14SN outline & install dimension circute diagram



SZX-SLF-08SE outline & install dimension circute diagram



SZX-SLF-14SE outline & install dimension circute diagram



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