

# Rail Relay SB Rail Relay



## USES

The product has one-way and two-way contact structure, which is usually used in automatic control system, mobile communication equipment, connecting PLC or single-chip computer for current amplification drive.

<b>SB</b>	<b>1</b>	<b>2</b>	<b>16</b>	<b>D</b>	<b>3</b>	<b>Z</b>
1	2	3	4	5	6	7

- 1 Product type: Rail type relay
- 2 Circuit structure: 1 One road 2 Second road
- 3 Control input voltage 1:12V 2:24V 3:36V 4:48V 11:110V 22:220V
- 4 Load maximum current 08:8A 16:16A
- 5 D DC coil, A AC coil
- 6 1 one group, 2 two group, 3 three group
- 7 Z Conversion, H normally open, D normally close

## USE OF THE ENVIRONMENT

Input/output outlet M2.5	0.4 appropriate
Stripping length	6-7mm
Ambient temperature	-30~+60°C
Relative humidity	+20°C 98%
Vibration freq. at the fixed	3G, 1~50Hz amplitude 0.5mm
Concussion	(60~100) time/minute、
Altitude	2000m
Installation direction	Random
International Protection	IP20

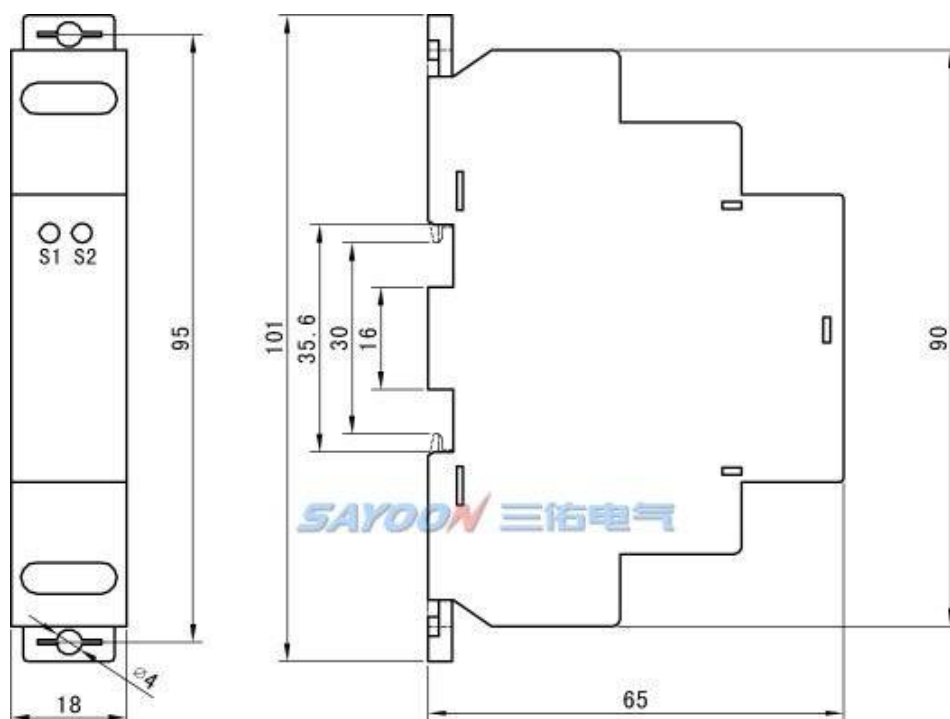
## ORDER INSTRUCTION

Small package QTY.	6PCS
Package QTY.	180PCS
Mounting bracket type	35mm Guide rail, screw

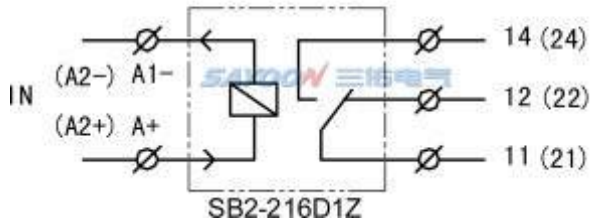
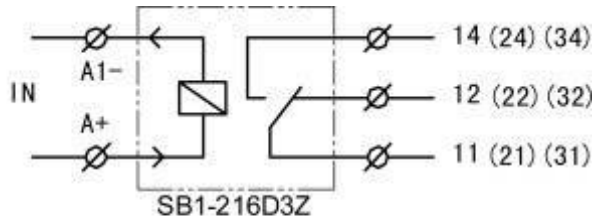
Output rated current	8A,16A
Input terminal	12V   24V   36V   48V   110V   220V
Input control voltage	DC12V,DC24V,DC48V,AC24V,AC115V,AC230V
Input Consumption Power	DC0.6W-1.5W,AC1.2VA-2.8VA
Input Control Voltage Range	±25%
Action time	<10ms
Release time	<5ms
Coil Voltage Suppression Protection	Diode
Mechanical life	10 million time
Electrical life (resistance)	100 thousand time
Wiring capability	1 *2.5 square or 2 *1.5 square
Action status indication	LED red

Note: The size of the output voltage and current can be selected. Due to the different user environment, the required performance is different. In order to better improve the overall performance of the product, Sanyou may adjust the relay parameters accordingly. The above parameters are for reference only. For details, please refer to the Sanyou DC Contactor Selection Guide and the Reliability

## ■ INSTALLATION DIAGRAM



## ■ WIRING DIAGRAM



## ■ FEATURES

It is small in size, high in life, good in reliability, high in sensitivity, low in power consumption, small in electromagnetic interference and overall in the way of guide rail installation. The wiring adopts plug-in mode, which is fast and convenient to install.