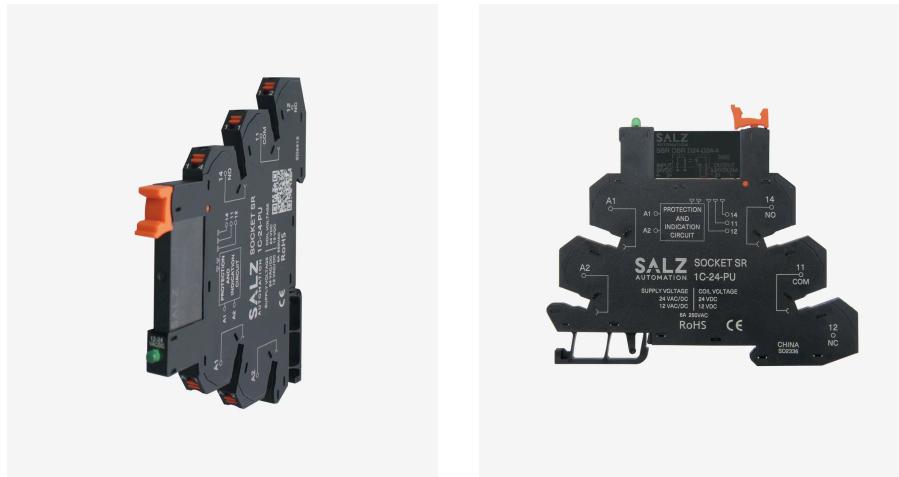


# RELAY SSR SR1C-D24-4-PU Kit

Series SR Relay 1 solid-state contact 24 V DC



**Preassembled relay with 1 solid-state contact and socket with Push-in connection technology and integrated surge protection**

The pre-assembled SSR SR series relay kit is a slimline combination of a plug-in industrial SSR relay with a solid-state contact and a socket. The socket has Push-in connection terminals that simplify the wiring process. The socket contains built-in surge protection. The kit is 6 mm wide and suitable for various mounting applications. This Solid State Relay from the SR series offers versatile circuit control. It has 1 output and operates with a control voltage of 24 V DC. The output is 24 V DC and the load current is 4A. It is compatible with the SR socket and simplifies the wiring process. With a width of 6 mm, it suits various mounting applications. Compliant with CE and RoHS standards, ensuring safety and environmental compatibility. Other possible applications include Paper machines, thermal power, wind power, machine tools, process control, and construction machinery.

## ORDER DETAILS

**Function:** 1 solid-state output, nominal input: 24 V DC, output: 24 V DC / 4 A, push-in wiring, 6 mm wide, CE and RoHS compliant

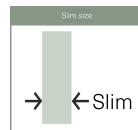
**SKU/Order No.:** SA-SSR-SR1C-D24-4-PM



# Features



Manufactured by SALZ Automation



Slim Design

Takes lesser space as the socket is slim designed.



DIN rail mounting

The socket can be mounted on a DIN rail.



LED Indicator

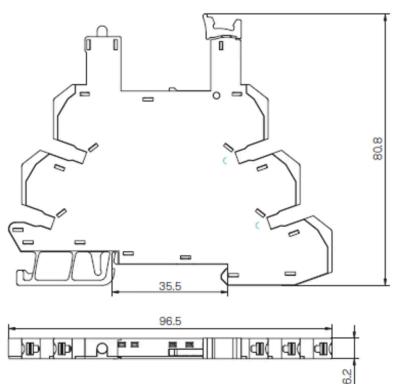
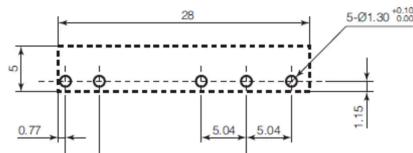
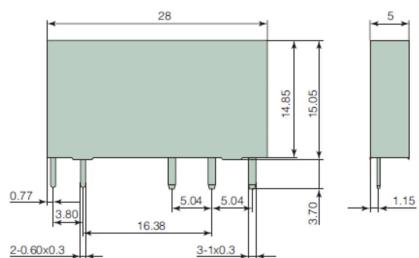
Relay comes with an LED indicator that indicates the ON status of the relay.



High insulation capability

High insulation capability of 5 kV surge voltage between input and output

## Mechanical Dimensions



# Technical Data

## Contact Characteristics

Contact form	1 set of solid state output
--------------	-----------------------------

## Ambient Condition

Operating Humidity (non-condensing)	45 % ~ 85 % RH
Impact / Shock	980 m/s <sup>2</sup>
Vibration	10 ... 55 Hz 1.5mm (Double Amplitude)
Ambient Temperature (operating)	-30 °C ... 60 °C
Ambient Temperature (storage/transport)	-30 °C ... 80 °C

## Certification

Certification	CE, RoHS
---------------	----------

## Mechanical Data

Weight (typ.)	App. 5 g + 22.5 g
---------------	-------------------

## Dimensions

Width (mm)	6
Height (mm)	96
Depth (mm)	81

## Characteristics

Operate time (at rated voltage)	50 µs (turn-on)
Release time (at rated voltage)	300 µs (turn-off)
Insulation resistance	1000 MΩ (500V DC)
Dielectric strength (between coil and contacts)	2500 VAC 1 min.

**Interface**

LED indicator	Yes
---------------	-----

**Socket Contact Characteristics**

External connection wire	20 ... 16 AWG / 0.5 ... 1.5 mm <sup>2</sup>
--------------------------	---

**Coil Data**

Nominal Voltage	24 VDC
-----------------	--------

**Input Data**

Input Current (typ.)	25 mA max.
----------------------	------------

**Output Data**

Output Voltage Range	3 ... 28.8 VDC
Output Current	4 A
Output Voltage	24 VDC
On-state Voltage Drop	0.35 VDC max.
Off-state Leakage Current	100 µA max.