

Datasheet

SPTASD1-A1
Star Delta Starter Time Relay – 0.1s..10m (0.1 seconds – 10 minutes) AC/DC24-240V



Main

Range	Time Relays
Function	Star Delta Timer Relay
Code	SPTASD1-A1
Width	18 mm
Time Delay Range	0.1S - 10 Min (Adjustable)
Operating Voltage	AC/DC 24-240V (50-60Hz)
Weight	113 grams

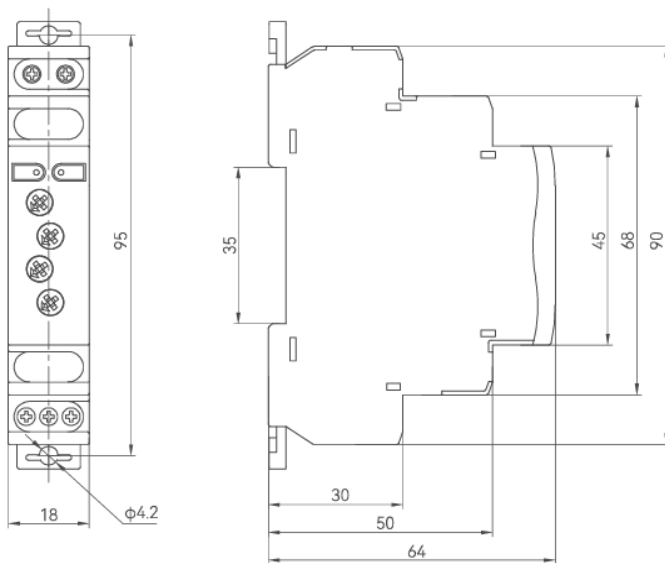
Specification

Output Configuration	Two set of output contacts
Delay Setting Method	Rotary adjustment
Delay Accuracy	Basic error <1%, Mechanical error <10%, Repeat error <0.5%, Voltage jump error <1%
Indicator Light	The red LED indicates the status of R1 in real time, the green LED is always on when R2 is closed, and ashes for 0.5S when R2 is disconnected to indicate that it is working in the running mode
Mechanical life	1x10^5 (Resistive load, room temperature, 1s on & 9s off)
Output contact capacity	AC/DC24-240V Power supply 10/16A(AC1-Resistive)
Height	90 mm
Depth	64 mm
Environment	Working temperature: -10-55°C Relative humidity: ≤85% Altitude: ≤2000 meters Storage temperature: -20-75°C, no rain, snow, salt fog and corrosive
Protection Degree	IP20
Housing Material	Self-extinguishing
Installation Method	35mm Din rail type

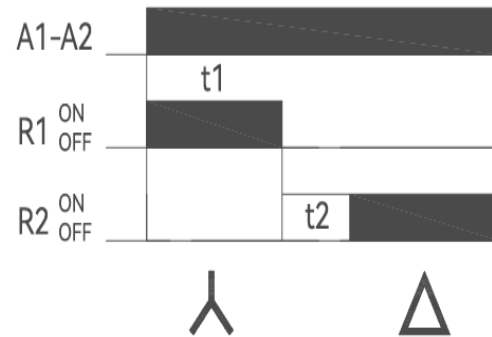
Features

- Dedicated to motor star delta starter.
- Ultra-small size, 18mm width, 35mm standard rail installation
- Using imported chips, goods stability
- External crystal oscillator, unified product time performance
- The rotary type time setting is intuitive and convenient
- It can be seamlessly integrated with other electrical equipment to achieve the desired timing functions.
- Industrial Equipment: The relay finds primary usage in industrial equipment settings where time control is necessary for optimal operation.

Technical drawings



Functional diagram



Wiring diagram

