Datasheet

SPTAON2-A1
On-delay Timing Relay – 0.1s..240h (0.1 seconds – 240 hours) AC/DC24-240V



Main

Range	Time Relays
Function	Power On-Delay / On-delay timing
Code	SPTAON2-A1
Width	18 mm
Time Delay Range	0.1S-240h (0.1 seconds - 240 hours) (Adjustable)
Operating Voltage	AC/DC 24-240V (50-60Hz)
Weight	92 grams

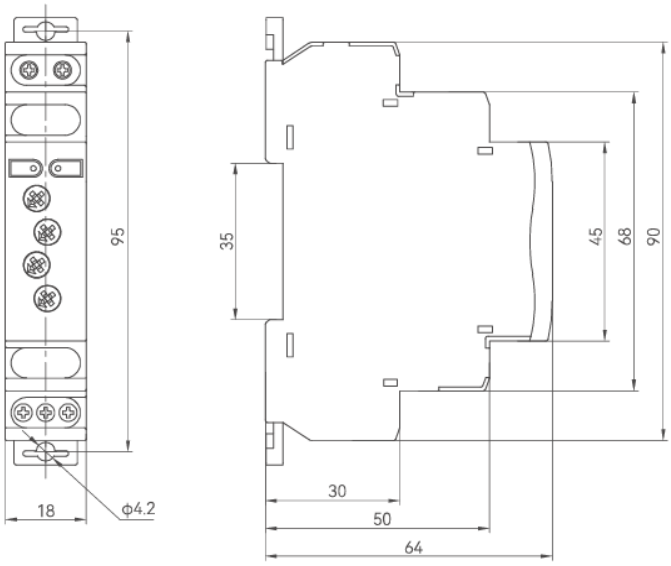
Specification

Output Configuration	Two Sets of delay
Delay Setting Method	Rotary adjustment
Delay Accuracy	Basic error <1%, Mechanical error <10%, Repeat error <0.5%, Voltage jump error <1%
Reset Time	<500ms
Indicator Light	Work indication: Green LED 0.5s flashing
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℃ Relative humidity: ≤85% Altitude: ≤2000 meters Storage temperature: -20-75℃, no rain, snow, salt fog and corrosive
Protection Degree	IP20
Housing Material	Self-extinguishing
Installation Method	35mm Din rail type

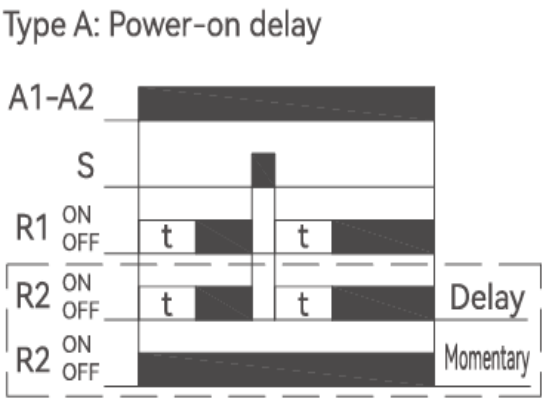
Features

- 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.

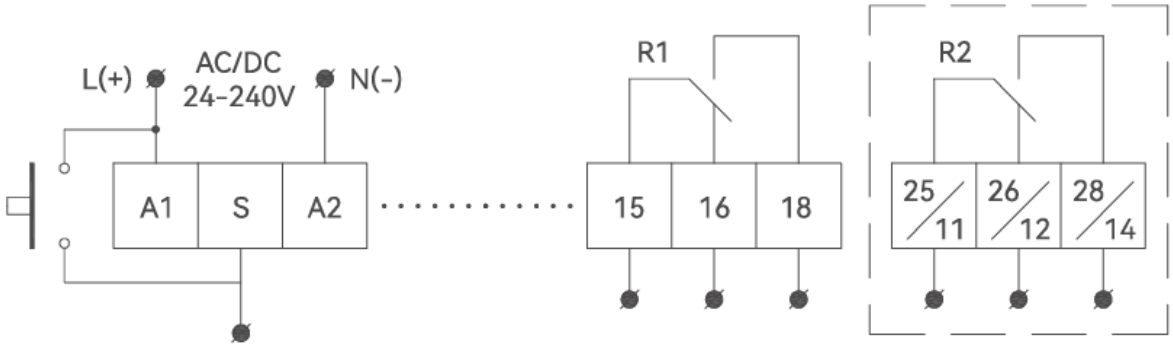
Technical drawings



Functional diagram



Wiring diagram



25-26-28 is the label of the second group of delay contacts
11-12-14 is the label of the second group of momentary contacts