

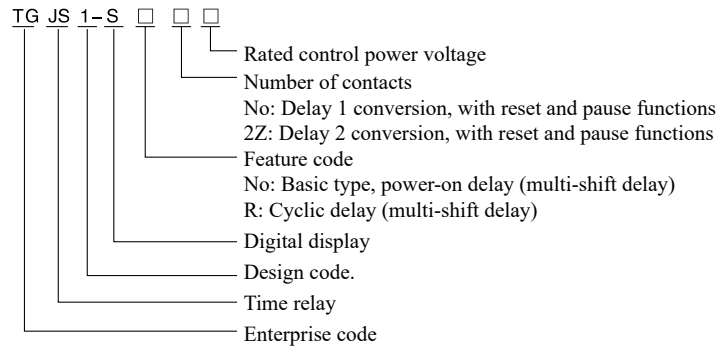
TGJS1 Series Time Relay



1 Overview

TGJS1 series time relay is used in the AC 50Hz control circuit with the rated control power voltage of 380V and below or the DC voltage 24V as a delay element to power on or power off the circuit as scheduled. The thermal relay complies with IEC 60947-4-1 and IEC 60947-5-1 standard. The thermal relay can be inserted into the contactor, and a mounting seat is provided for independent installation.

2 Type Designation



3 Technical Parameters

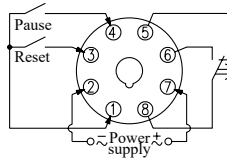
Model	TGJS1-S	TGJS1-S-2Z	TGJS1-SR	TGJS1-SR-2Z
Working method	Power-on delay	Power-on delay	Circular delay	Circular delay
Number of contacts	Delay 1 conversion	Delay 2 conversion	Delay 1 conversion	Delay 2 conversion
Contact capacity	5A 220VAC (resistive) U _e /I _e ; AC-15 220V/0.5A; DC-13 24V/0.5A; I _{th} : 5A			
Power voltage	AC50Hz 24V, 36V, 110V, 220V, 380V; DC24V; (Other voltage can be customized)			
Electrical life	1 × 10 ⁵ times			
Mechanical life	1 × 10 ⁶ times			
Delay accuracy	≤1%			
Ambient temperature	-5℃ ~ +40℃			
Installation method	Panel-type, with P2CF-08 base provided to realize the device-type or rail-type installation			

Model	Delay range
TGJS1-S TGJS1-S-2Z	1s~99min99s, 1min~99h99min, 0.01s~99.99s, 0.1s~999.9s, 1s~9999s, 0.1min~999.9min, 1min~9999min, 0.1h~999.9h, 10s~99990s, 1h~9999h
TGJS1-SR TGJS1-SR-2Z	1min~99min, 1h~99h, 1s~99s, 0.1s~9.9s, 0.1min~9.9min, 0.1h~9.9h, 0.01s~0.99s, 10s~990s, 10min~990min, 10h~990h

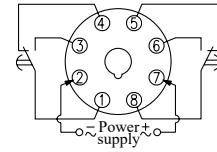
TGJS1 Series Time Relay

4 Wiring Diagram

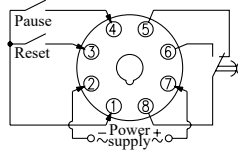
TGJS1-S Wiring diagram



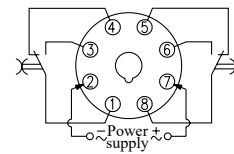
TGJS1-S-2Z Wiring diagram



TGJS1-SR Wiring diagram

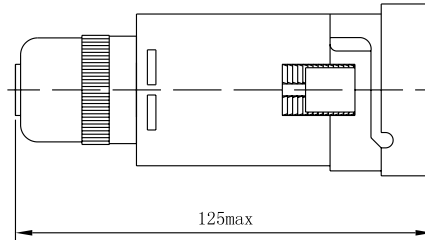
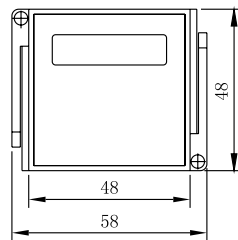


TGJS1-SR-2Z Wiring diagram

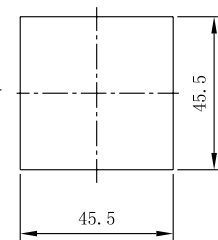


5 Outline and Installation Dimensions

Outline and installation dimension for TGJS1 series product



Hole size



6 Ordering Notice

If TGJS1 series time relay is device-installed or rail-installed, the base P2CF-08 shall be ordered by user.