

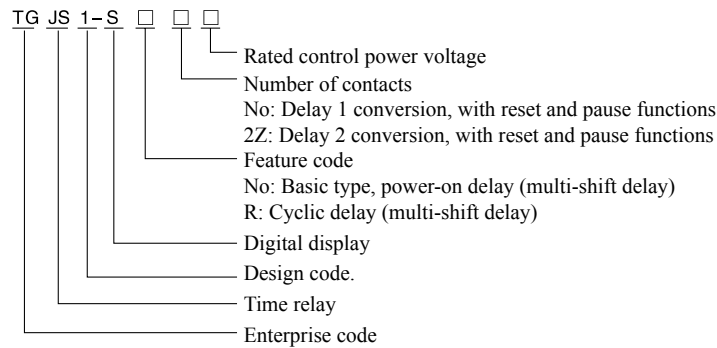
TGJS1 Series Time Relay



1 Product overview

TGR1 series thermal overload relay (hereafter referred to as “thermal relay”) is suitable for overload protection and phase loss protection of in AC 50Hz/60Hz AC motor working for a long time or interruptedly working for a long time with a working voltage up to 690V and below and with a current up to 95A. The thermal relay complies with IEC 60947-4-1 and IEC 60947-5-1 standards. The thermal relay can be inserted into the contactor, and a mounting seat is provided for independent installation.

2 Type designation



3 Product parameters

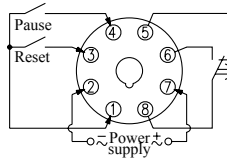
Model	TGJS1-S	TGJS1-S-2Z	TGJS1-SR	TGJS1-SR-2Z
Working method	Power-on delay	Power-on delay	Circular delay	Circular delay
Number of contacts	Delay 1 conversion	Delay 2 conversion	Delay 1 conversion	Delay 2 conversion
Contact capacity	5A 220VAC (resistive) Ue/Ie: AC-15 220V/0.5A; DC-13 24V/0.5A; I _{th} : 5A			
Power voltage	AC50Hz 36V、110V、127V、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℃ ~ + 4 0 ℃			
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

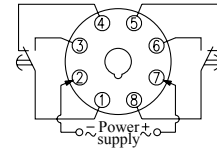
TGJS1 Series Time Relay

4 Wiring diagram

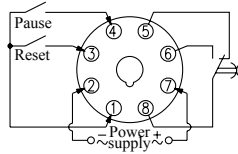
TGJS1-S Wiring diagram



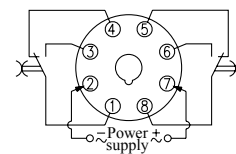
TGJS1-S-2Z Wiring diagram



TGJS1-SR Wiring diagram

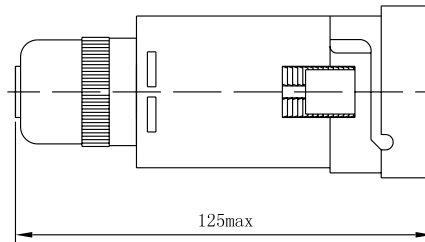
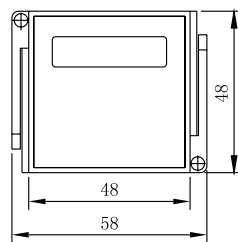


TGJS1-SR-2Z Wiring diagram



5 Outline and installation dimension

Outline and installation dimension for TGJS1 series product



Hole size

