

Single Phase AC Solid State Relay

AC 220V/380V $I_{MAX}40A$

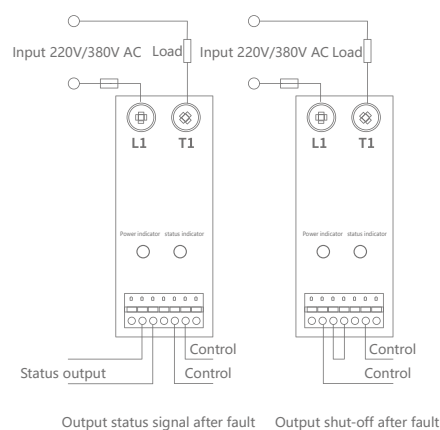
GMS40SR



Technical Advantages

- Reliable operation, contactless, spark-free, noiseless, long service life
- Zero-crossing trigger, built-in RC snubber circuit
- 12-24VDC control voltage with green LED status indicator
- Finger-safe design
- Overheat detection, load open-circuit detection and isolated fault output
- Isolated output status, normally closed in operation with yellow LED indication

Circuit Diagram



Technical Parameters

Control parameters	Control voltage	12-24V
	Control current	8-20mA
Status output parameters	Supply voltage	<50V
	Output current	<1.0A
	On-state resistance	<2Ω
I/O parameters	Operating voltage	220V/380VAC
	Grid frequency	50Hz/60Hz
	Minimum load current	100mA
	Off-state leakage current	<10mA
	Off-state voltage rise rate	500V/μS
	On-state current critical rise rate	100A/μS
Other parameters	Dielectric withstand voltage	≥200VAC
	Operating ambient temperature	-25°C-45°C

Dimensions and Installation

