

MGR-1AD12-25

AC-DC SOLID STATE RELAY



Type meaning

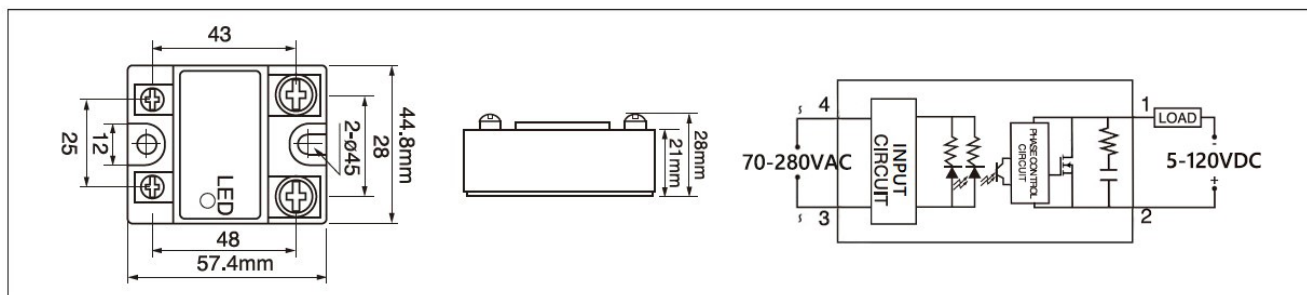
MGR - 1:[One channel] - **AD**: [AC-DC (AC input-DC output), Control voltage 70-280VAC] - **12** : [Load voltage 5-120VDC] - **25** : [25A]

Features

- Rated current: 25Amps
- Rated voltage: 5-120VDC
- Control voltage: 70-280VAC
- Control current: $\leq 10\text{mA}$
- Low output off-state leakage current
- Low-impedance MOSFET as the output component minimize the total power consumption
- Suitable for resistive load and inductive load (the inductive load, such as motor and EMR /electromagnetic coil, must be equipped with the suppressor diode)
- Display output status via LED
- Standard output RC snubber circuit
- Transparent cover for extra protection

Notice

- If the load current is 10A, a heat sink must be equipped; if the load current is 40A or more, an air-cooled radiator or a water-cooled radiator must be installed.
- When the load is an inductive load, be sure to connect a varistor in parallel with the output terminal, whose voltage value is 1.6-1.9 times the load voltage.



Note: Specific voltage can be customized.