

# MGR-1D48-40

DC-AC SOLID STATE RELAY



## Type meaning

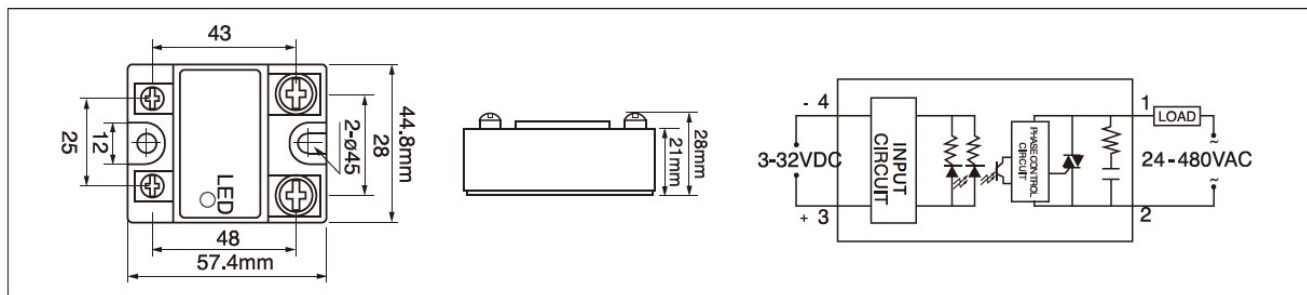
**MGR** - 1:[Single phase] - **D**:[Control voltage 3-32VDC] - **48**:[Load voltage 24-480VAC] -**40**:[40A]

## Features

- Rated current: 40Amps
- Rated voltage: 24-480VAC
- Control voltage: 3-32VDC
- Control current:  $\leq 10\text{mA}$
- Reverse-parallel SCR as the output component can be used in commercial or heavy industrial applications with reliable performance
- "Ultra low" input current
- Low output off-state leakage current
- Low output on-state voltage drop
- Availed with zero-crossing conduction (resistive load) or random conduction (inductive load or phase control)
- 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.