

# MGR-1DD60D-200

DC-DC SOLID STATE RELAY



## Type meaning

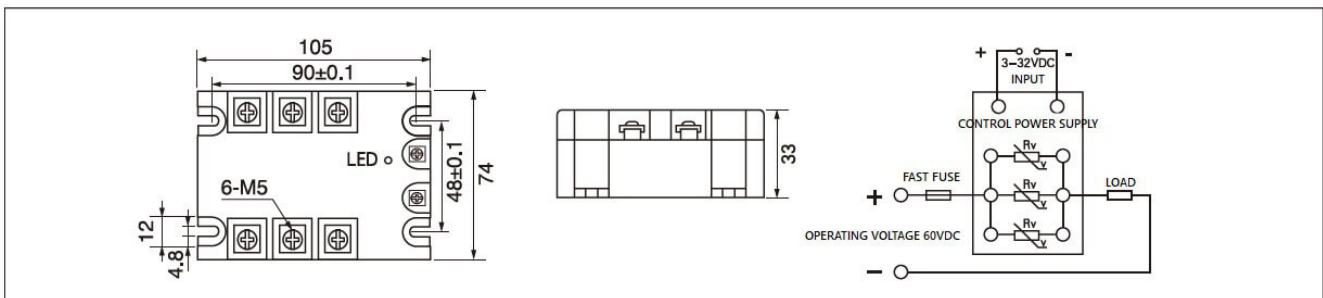
**MGR - 1:**[One channel] - **DD:**[DC-DC (DC input-DC output), Control voltage 3-32VDC] - **60:**[Load voltage 5-60VDC] - **200:**[200A]

## Features

- Rated current: 200Amps
- Rated voltage: 5-60VDC
- Control voltage: 3-32VDC
- Control current:  $\leq 40\text{mA}$
- DC SOLID STATE RELAY are easy to connect in parallel, suitable for high current applications
- 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.