

# MGR-DTY-F-22-70A-EG

SINGLE PHASE PHASE-SHIFT VOLTAGE-REGULATOR  
STABILIZER MODULE



## Type meaning

**MGR** - [SCR voltage regulator] - **DTY**: [Closed-loop stabilizer] - **22**: [Load voltage 220VAC] - **70A**: [70A] - **E**: [Control voltage 0-5VDC] - **G**: [Control current 4-20mA]

## Features

- Rated current: 70Amps
- Rated voltage: 220VAC/380VAC(optional)
- Control voltage: 0-5VDC
- Control current: 4-20mA
- No external +12V DC power supply required
- Effectively stabilize voltage fluctuations with closed-loop (negative feedback) voltage regulator system
- Insulation voltage greater than 2000VAC
- Support automatic control mode (control signal 4-20mA, 0-5V) and manual control mode, and both modes are smooth to adjust
- Built-in shielding circuit with strong anti-interference ability
- High-power thyristor chip, and insulating base plate with DCB ceramic glaze material
- Stable performance and high reliability

## 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.

