



GM50 Dual Series 2 Pole Solid State Relay

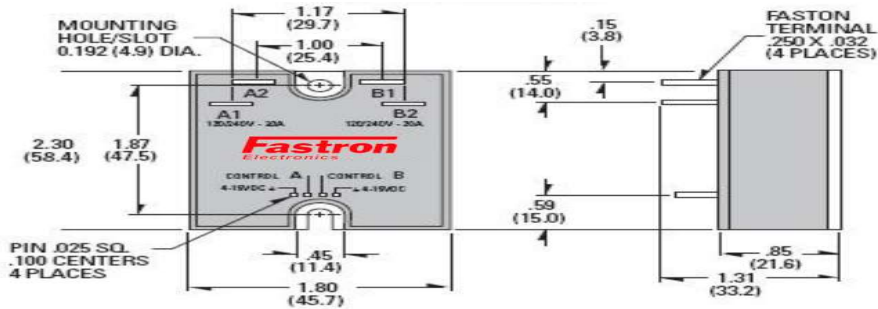


Features:

- DC Control Input
- SCR Output
- Photo Isolation
- Low ON-State Resistance
- Dielectric strength 4000V
- Panel Mount
- Molex Connector

Ordering Code: GM5048ZD1-24 DUAL

Outline & Installation Dimensions



All dimensions are in inches (millimeters)

INPUT

| | |
|-----------------------|----------|
| Control Voltage Range | 15-32VDC |
| Maximum Input Current | 12mA |
| Turn On Voltage | 2.8VDC |
| Drop Out Voltage | 1.5VDC |

OUTPUT

| | |
|-------------------------------|------------|
| Load voltage range | 24-480VAC |
| Load current | 2 x 50 Amp |
| Surge Current | 500A |
| Max off-state leakage current | 2mA |
| Max on-state voltage drop | <1.5V |

GENERAL

| | |
|---|---------------------|
| Dimensions | 57.4L x 44.8W x 28H |
| Weight | 100g +/-10% |
| Turn On time | <2mS |
| Trun Off Time | 2mS |
| Dielectric Strength (Input/Output/Base) | 4000V |
| Operating Temperature | (-)20°C to 80°C |
| Certification | CE |

Application Notes

1. External Suppression Required for inductive Loads
2. Thermal Paste Should be used for Mounting
3. Mounting Torque Range 10-20 in lbs.
4. Actual Max Working Current Depends Heavily on Heatsink Selection

DERATE CURVE:
50A Dual SSR

