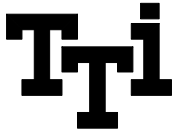


Solid State Relay



SDD

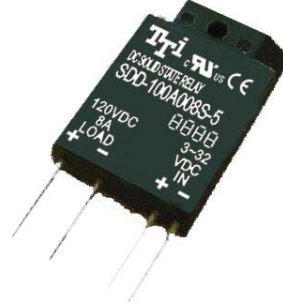
DC Control DC

MAIN FEATURES

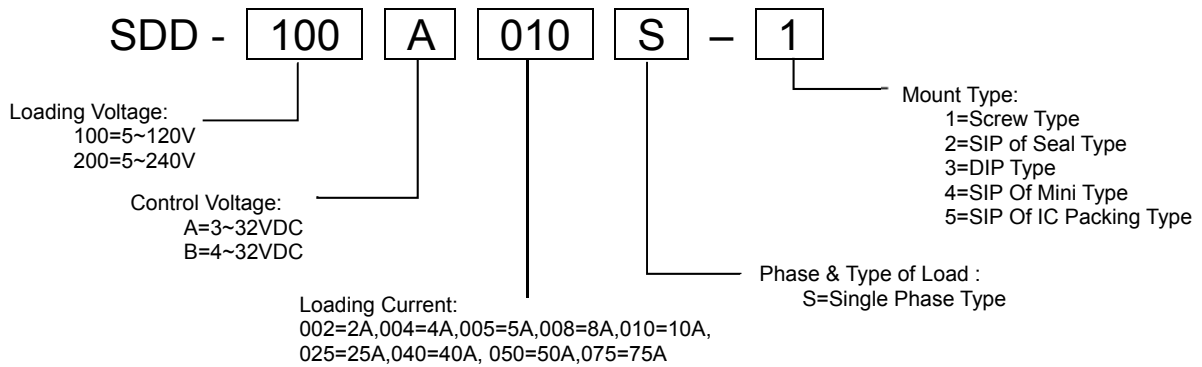
- DC Voltage Drive DC loading SSR
- High Stable Reliability
- Non Switching Sparks
- Non Noise
- Non Mechanical Contact
- Low control Power Consumption
- High Speed Reaction

APPLICATIONS

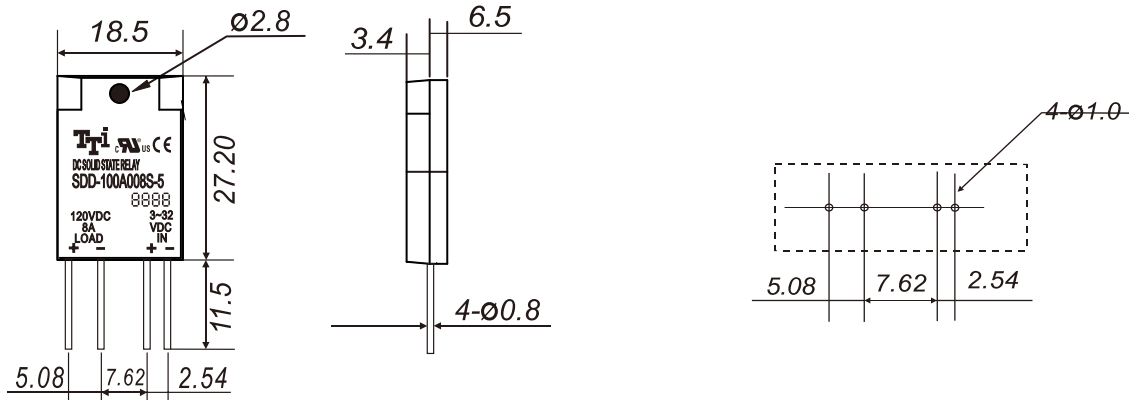
- Industrial Control Systems
- Lighting Systems
- Vending Machines
- Production Systems
- Temperature Control Systems
- Electronics Home Appliances
- Medical Equipment
- Conveying Systems



ORDERING INFORMATION



OUTLINE DIMENSION(unit:mm)

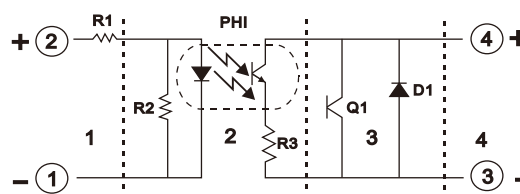


Solid State Relay

PECIFICATIONS

| | | |
|----------------|------------------------|------------------------|
| MODEL NO. | | SDD-100A008S-5 |
| MOUNT TYPE | | SIP of IC Packing Type |
| PHASE | | Single Phase |
| TYPE OF LOAD | | NA |
| INPUT | Control Voltage Range | 3~32VDC |
| | Must Turn Off Voltage | MAX. 10VDC |
| | Input Impedance | 1.5 K Ohm |
| OUTPUT | Max. Load Current | 8A |
| | Load Voltage Range | 3~120VDC |
| | Min. Blocking Voltage | 400A |
| | Max. Off-State Leakage | Less 2mA |
| | Max.1 cycle Peak Surge | 20A |
| | Max. Off State dv/dt | 200V/μsec |
| GENERAL RATING | Isolate Impedance | 1GOhm |
| | Dielectric Strength | 2500VAC |
| | Input-Output | — |
| | Input , Output-Case | — |
| | Turn On Time | Less 2 msec |
| | Turn Off Time | Less 2 msec |
| | Frequency Range | 47~70Hz |
| | Operating Temperature | -20~+80°C |
| Switching Type | NA | |
| Weight (g) | | 12g |
| Compliance | | CE , RoHS |

EQUIVALENT CIRCUIT



1. Input Circuit
2. Photo Detector
3. Protected Circuit
4. Output Circuit