



DN-SSR4

4-Channel DIN-Rail Mounting Solid State Relay Module

Functional Description

The DN-SSR4 includes 4 normally open, Form A , solid-state relays. The user can use the DN-SSR4 to switch high voltage load, up to 240VAC and up to 4A. Four enunicator LEDs, one for each relay, light when their associated relay is activated.

Each output equipped with a varistor that shunts the surge voltage of the inductive load or electromagnetic brake to protect the relay contact point. All relay control and relay outputs are accessible through the wiring terminals.

Features

- 4 optically isolated digital output channels
- 4 Form A solid-state relays
- Switch up to 4A at 240VAC
- 24VDC levels
- 2,500V optical isolation
- LEDs indicate relay status
- Screw terminal for easy field wiring
- Build-in diodes to protect from wrong connection of external power supply.
- Connects directly to ICP CON I-7000 modules, or ISO-730 isolated output board, ISO-C64 output board, ISO-P32C32...etc.
- DIN-Rail mounting

Specifications

- Solid State Relay
- Load Voltage: 50-250VAC
- Repetitive peak OFF voltage: 600V
- Surge current: 50A
- Maxi. Load Current: 4A
- Maxi. "OFF-state" leakage current: 50mA
- Operate time, max. : 1/2 cycle of voltage sine wave 1 ms (Zero-cross)
- Control Logic: Input +24V, relay off
- Power consumption: external +24V @ 100mA max.
- Dimensions: 77mm(L)*101mm(W)*66mm(H)
- Operating Temperature: 0-60°C
- Storage Temperature: -20-70°C
- Humidity: 5% to 90%; noncondensing

Applications

- On/off control
- Energy management
- Test Automation
- Process Control

Ordering Information

DN-SSR4	4 channel Solid State Relay Module, 1 form A
DN-SSR4/N	4 channel Solid State Relay Module, 1 form A without DIN-Rail Mount

Optional Accessories

ACE-540A	24V/2A output power supply 85v-264VAC input range
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