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

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 |

- ✍ 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℃
Storage Temperature: -20-70℃
Humidity: 5% to 90%; noncondensing

Options

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

Applications

- ✍ On/off control
- ✍ Energy management
- ✍ Test Automation
- ✍ Process Contro