

AUTOMATION MODULES



INNOVATIVE IDEAS FOR EVOLVING NEEDS

Active Relay Modules

DC Relay Module

Input Voltage

12 / 24 / 48 / 110V DC

Output (Potential Free Contact)

1 C/O - 12 Amps - 30V DC / 230V AC

2 C/O - 8 Amps - 30V DC / 230V AC

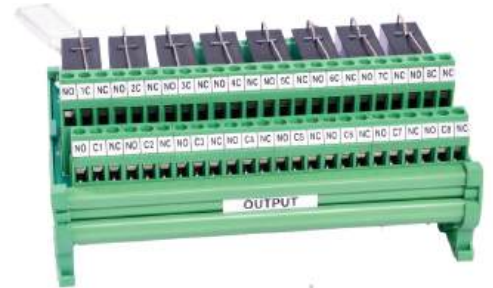
(Fuse Failure with Horizontal / Vertical Holder)

No. of Channels

**1 / 2 / 4 / 8 / 16 / 32
(Customizable)**

Mounting

Din rail Mountable



AC Relay Module

Input Voltage

110 / 230V AC

Output (Potential Free Contact)

1 C/O - 12 Amps - 30V DC / 230V AC

2 C/O - 8 Amps - 30V DC / 230V AC

(Fuse Failure with Horizontal / Vertical Holder)

No. of Channels

**1 / 2 / 4 / 8 / 16 / 32
(Customizable)**

Mounting

Din rail Mountable



Solid State Relay Module

Input Voltage

5 - 32 / 24V DC

Output

60V DC, 3 Amps

230V AC, 3 Amps

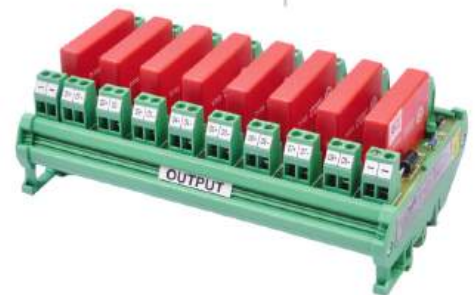
(Fuse Failure with Horizontal / Vertical Holder)

No. of Channels

1 / 2 / 4 / 8 / 16

Mounting

Din rail Mountable





Opto Isolation Module

No. of Channels
4 / 8 / 16

Mounting
Din rail Mountable

Input

5 / 24V DC

Output (Potential Free Contact)
30V DC, 30 mA

Passive Interface Module

FRC Connector

Input

60V DC / AC

Max. Current

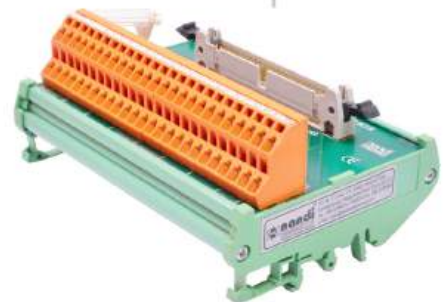
1 Amps Per Pole

No. of Poles

**10, 16, 20, 26, 34, 40,
50 & 60**

Mounting

Din rail Mountable



D-SUB Connector



No. of Poles

9, 15, 25, 37 & 50

Mounting

Din rail Mountable

Input

125V DC / AC

Max. Current

1 Amps Per Pole

Diode Modules

Diode Oring Module

(For Power Supply Redundancy)

Input Voltage

12 / 24 / 48 / 110V DC

Output Voltage

12 / 24 / 48 / 110V DC

Output Current

5 / 10 / 20 / 40 Amps

Fault Monitoring

**Potential Free Contact
Output for Power Supply
One & Two**

Mounting

Din rail Mountable



Diode Lamp Test Module

No. of Channels

**4, 8, 10, 12, 16, 20,
24 & 32**

Mounting

Din rail Mountable

Input

12 / 24 / 48 / 110V DC

Output

LAMP / LED

Diode Logic Module

Input

12 / 24 / 48 / 110V DC

Output

12 / 24 / 48 / 110V DC

No. of Channels

**4, 8, 10, 12, 16, 20,
24 & 32**

Mounting

Din rail Mountable



Fail Safe Modules

Fan Failure / Temperature Detection Module (AC / DC)



Fan Size
4 Inch

Mounting
Din rail Mountable

Aux. Power Supply
24 / 48V DC / 110 / 230V AC

Output
Failure Monitoring Potential Free Contact Output

No. of Fans
1 / 2 / 3 / 4

Temperature Detect Module

Aux. Power Supply
24V DC / 110 / 230V AC

Temperature Measure
0 - 70° C

Output Signal
4-20 mA

Temperature set O/P
Potential Free Contact Output

Mounting
Din rail Mountable



Digital Thermostat (DC / AC)

Output
Potential Free Contact output

Mounting
Din rail Mountable

Aux. Power Supply
12 / 24V DC / 230V AC

Temperature Measure
0 - 70° C



Communication Interface

RS-232 to RS-485 Converter

Aux. Power Supply
24 VDC

Output

RS-485 / 422 to RS-232

RS-232 to RS-485 / 422

Mounting
Din rail Mountable



Signal Output
Single or Dual Output
Voltage 0-5 / 0-10 / 0-20V DC
Current 4-20 mA / 0-20 mA

Mounting
Din rail Mountable

Signal Isolator

Aux. Power Supply
24V DC

Signal Input
Voltage 0-5 / 0-10 / 0-20V DC
Current 4-20 mA / 0-20 mA

No. of Signals
1 in 1 out / 1 in 2 out /
2 in 1 out

Over/Under Voltage Module

Aux. Power Supply
24V DC / 75 mA

Output

Potential Free Contacts should be used as Digital Input to the System

Mounting
Din rail Mountable



Utility Products

Digital Panel Meters



Display
**7 Segment
 Digital Display
 3 1/2 Digit (100.00)**
 Mounting
Flush Mounting

Aux. Power Supply
24V DC / 230V AC
 Input
**4-20 mA, 0-10V DC
 0-5 Amp AC / 0-1 Amp AC**
 Output
2 sets of Potential Free Contact

Panel LED Tube Light

Voltage

**12 / 24 / 48V DC
 110 / 230V AC**

Rating

3 / 6 / 12 Watt



Flat Cable



Round FRC Cable



Round D-SUB Cable





About Us

- ➔ Established in 2001
- ➔ Modern, State-of-the-art purpose-built Infrastructure of 40,000 Sq.ft.
- ➔ Fully-Automated Assembly line for Surface Mounted Devices
- ➔ Semi-Automated Assembly line for Leaded Components
- ➔ Design & Development Center with Technologically Advanced Multi-Capability System Integration and Automation Solution Center
- ➔ Custom-built test jigs to ensure product quality and better reliability throughout the product life cycle

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