Sensplorer

SPx-O3008
Sensplorer 8-port Relay Module

- **Control and drives devices and loads**
- **Switch ON/OFF manually or automatically by the Sensplorer rules**
- **Cloud/Mobile App remote control on devices/loads**
- **8 Relays with NO / NC pins**
- **Supports up to 5A @ 230 VAC on NO ports**
- **Supports up to 2A @ 230 VAC on NC ports**

The Sensplorer 8-port Relay Output Module has 8 separate relay with NO(normally open) and NC(normally close) pinouts.

Module is connected to the Sensplorer Base Module via CAN expansion bus.

Each relay output can directly drive the loads separately, or in higher current applications the relay output can also drive auxiliary coils that can handle high currents.

Relays are used to switch peripheral devices ON / OFF. User can assign name to each contacts.

Sensplorer also provides to switch the devices ON-OFF from the Cloud and Mobile Apps. Sensplorer base modules acts as an IOT gateway to exchange request-response commands in between apps and device driven by the Sensplorer's relay.

It is connected to CAN bus of all types of Sensplorer Base Modules by using CAT5 / 6 UTP cable.

The maximum length of CAN bus can be extended up to 200 meters.However power injection module may be required depending on CAN bus length and the number of CAN modules.

Technical Specifications

16-port Dry Contact Module

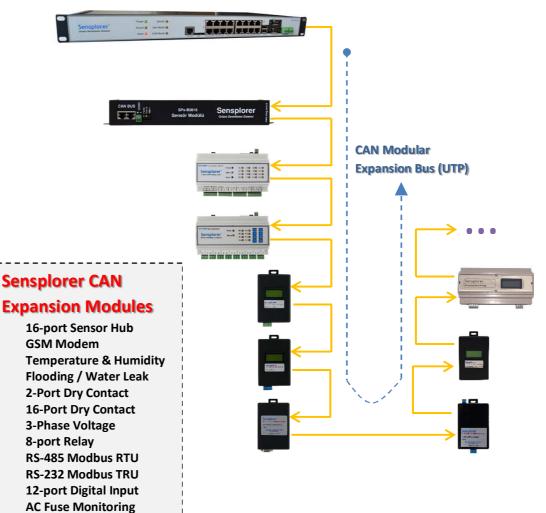|	
Power	: 12V DC , max. 5 W
Working Temp.	: 0 °C / +70 °C
Storage Temp	: -40 °C / +85 °C
Installation	: DIN Rail /Wall Mount
Dimension (W*L*D)	: 158 x 86 x 60 mm

Relay Outputs

Contact resistance : max.62.5 mOhm
Max.Load (resistive load)
Normally Closed Side :
    1A @250 VAC, 1A @30 VDC
Normally Open Side :
    2A @250 VAC, 3A @30 VDC

Sample Sensplorer installation with CAN Modules

Sensplorer X/M/S/v3.0 Base Module

CAN Modular Expansion Bus (UTP)

SENSPLORER ALWAYS LETS YOU KNOW WHAT'S GOING ON

Sensplorer sends message to the assigned people to let them know a status change occurred

Users can request the current state of sensors whenever they want to know

All these assignments are completely customizable and easy to use

GOING GREEN

Sensplorer helps you to run an environmentally conscious operation

Please let us know about your requests, questions, comments and suggestions...

Sensplorer CAN Expansion Modules

- 16-port Sensor Hub
- GSM Modem
- Temperature & Humidity
- Flooding / Water Leak
- 2-Port Dry Contact
- 16-Port Dry Contact
- 3-Phase Voltage
- 8-port Relay
- RS-485 Modbus RTU
- RS-232 Modbus TRU
- 12-port Digital Input
- AC Fuse Monitoring

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