PT2060/43 R-RELAY Redundant-Relay Module

ProvibTech's PT2060/43 R-RELAY module has 8 output channels with 8 DPDT relays. Each relay channel is fully independent and easily programmable to execute the necessary functions.

Easy to Program

Programming the PT2060/43 R-RELAY module requires the PT2060-CFG configuration software which is very intuitive and easy to use

Alarm Option

Relay alarm can have the following options:
- ✓ Latch, non-latching
- ✓ Normally de-energized, normally energized

The PT2060/43 R-RELAY module is also equipped with local status indication.
- ✓ OK / IO LED indicates that both the module and the channels are working properly
- ✓ 8 Alarm LEDs: indicates the current alarm status for each channel

Channels of Redundant Relay Module Definition

There are three work mode of PT2060/43 module, the first is PT2060/43 type, the second is PT2060/53 default type, and the third is PT2060/53 individual type. The following table shows Alarm drive logic. If you don't specify, factory default setting of PT2060/43 module of over-speed protection system is PT2060/53 default type.

Relay/LED	PT2060/43	For PT2060/53 (Default type)	For PT2060/53 (Individual type)
CH1	CHANNEL-1-ALT	NOT OK (for 43 module)	NOT OK (for 43 module)
CH2	CHANNEL-1-DNG	NOT OK (for 43 module)	ALT
CH3	CHANNEL-2-ALT	ALT	SLOT1-DNG
CH4	CHANNEL-2-DNG	ALT	SLOT2-DNG
CH5	CHANNEL-3-ALT	DNG	SLOT3-DNG
CH6	CHANNEL-3-DNG	DNG	SLOT1-NOT OK
CH7	CHANNEL-4-ALT	NO USED	SLOT2-NOT OK
CH8	CHANNEL-4-DNG	NO USED	SLOT3-NOT OK

Specifications

Electrical

Power supply:

Internally converted by the power supply module

8.0W total typical for this module

Signal input:

Through internal bus or direct connection

Relays:

Seal: Epoxy

Capacity:

5A/240V or 5A/30V, resistance load

Relay type:

SPDT * 2; 8 sets

Isolation:

1000V/DC

LED indicators:

OK / IO: green

ALARM: red

Approvals:

CE;

CSA:

Non-incendive, class I, div.2, GrpABCD, T4

-40℃ to +75℃

Certification Number: 2011996

Environmental

Temperature:

Operation: -20℃ to +65℃

Storage: -40℃ to +85℃

Humidity:

95% non-condensing

Physical

Each module comes with two components- the front panel assembly and the back panel assembly.

Dimensions and Location:

241mm(9.5in)×24.5mm(0.96in)

PT2060/43 R-REALY module can be mounted in any one from slot 4, 8, 12 of 19″ rack.
PT2060/43 R-REALY module can be mounted in slot 4 of 12″ rack.

Weight:

1.0kg (2.0 lbs).

Ordering Information

PT2060/43-AX

AX: Back-panel IO module

A0: Basic IO module

Optional Accessories:

PT2060-004300: PT2060/43 Front panel

PT2060-004001: PT2060/40/43 Back panel

Back Panel Connectors Layout