

## VM-5Y1,2,3 Relay Module Unit

These units are designed for use with VM-5 Series Monitors. Mounted on the rear panel of the VM-5H3 or VM-5W1 Instrument Rack, they output contact signals such as input abnormal, alert and danger alarms for sequence control. Using 10mm-pitch two column large-sized terminal block, there is no complicated wiring involved.

### STANDARD SPECIFICATION

RELAY POINT	4 points (DANGER1, ALERT1, DANGER2, ALERT2) 2 points (DANGER, ALERT) 6 points (DANGER1, ALERT1, DANGER2, ALERT2, OK1, OK2)	CONTACT LIFE	100,000 times or more (rated load)
POWER OUTPUT FOR TRANSDUCER	4mA, 24VDC (Input code : 1) -24VDC, 40mA (Input code 2)	PROTECTIVE CONSTRUCTION	Plastic Seal
CONTACT RATING (Load resistance)	250VAC, 5A 30VDC, 5A	TEMPERATURE RANGE	Operating Temperature : 0 to 65°C Storage Temperature : -30 to +85°C Relative Humidity : 20 to 95%RH (non-condensing)
		MASS	Max. 0.4kg

## VM-5Y4,5,6 Relay Module Unit

These units are the connector type Relay Module. Mounted on the rear panel of the VM-5H3 or VM-5W1 Instrument Rack, VM-5Y4 and 6 can output the recorder output and alarm output signal, and VM-5Y5 can output the buffer output and alarm output signal through the D-sub connector. They also output contact signals of the sequence control for input abnormal, alert and danger alarms from the terminal block. An arc suppressor (optional) absorbs the arc discharge between contacts to prevent damage to the internal circuits.

### STANDARD SPECIFICATION

RELAY POINT	5 points (DANGER1, ALERT1, DANGER2, ALERT2, OK)	INPUT/OUTPUT CONNECTOR TERMINAL BLOCK (VM-5Y4,6)  (VM-5Y5)	D-Sub 9P connector 1 pc CN1 : Recorder output 2CH Alarm output L : -1 to +1V H : 4V to 6V OK, ALERT, DANGER 2 points each
POWER OUTPUT FOR TRANSDUCER (VM-5Y4,5)	Input code 1 : 2-wire constant current power supply : 4mA, 24VDC Input code 2 : -24VDC, 40mA		Terminal block 16pc Input transducer : 2CH Contact output (OR state of CH1 and 2) ALERT, DANGER 2 points each
POWER OUTPUT FOR PICKUP (VM-5Y6)	+12VDC, 40mA		D-Sub 9P connector 1 pc CN1 : Buffer output 1CH Alarm output L : -1 to +1V H : 4V to 6V OK 1point, ALERT, DANGER 2 points each
CONTACT RATING (Load resistance)	250VAC, 5A 30VDC, 5A		Terminal block 16P Input transducer : 1CH Contact output : OK1 point, ALERT, DANGER 2 points each
CONTACT LIFE	100,000 times or more (rated load)		Recorder output : 1CH
PROTECTIVE CONSTRUCTION	Plastic Seal		
TEMPERATURE RANGE	Operating Temperature : 0 to 65°C Storage Temperature : -30 to +85°C Relative Humidity : 20 to 95%RH (non-condensing)		
MASS	Max.0.4 kg		

\* That module units can not correspond to isolation recorder output specification.

## VM-5Y7 Relay Module Unit

Designed for use with the VM-5F Dual Temperature Monitor. Mounted on the rear panel of the VM-5H3 or VM-5W1 Instrument Rack, it outputs a contact signal of sequence control for alert and danger alarms.

### STANDARD SPECIFICATION

RELAY POINT	4 points (DANGER1, ALERT1, DANGER2, ALERT2)	TEMPERATURE RANGE	Operating Temperature : 0 to 65°C Storage Temperature : -30 to +85°C Relative Humidity : 20 to 95%RH (non-condensing)
CONTACT RATING (Load resistance)	250VAC, 5A 30VDC, 5A	MASS	Max. 0.4kg
CONTACT LIFE	100,000 times or more (rated load)		
PROTECTIVE CONSTRUCTION	Plastic Seal		