

VM-5 SERIES MONITOR
SPECIFICATIONS

MODEL VM-5Y1,2,3 RELAY MODULE UNIT



Model Code / Additional Spec. Code (No entry if additional spec. code is not specified.)

VM-5Y 1 - /TRP

Relay contact		Arc suppressor		Input		Tropical spec.
1	SPDT (DAN.1,DAN.2,ALE.1,ALE.2)4 points relay	0	Provided	1	CA Series,CV-86 *1	
		1	Not provided	2	CV-85,CV-87 *2 VK,RD,FK,MS VC,VM-11P,VM-21P	
				4	Input for VM-55 1CH:VK-202A,FK-202F 2CH:CV-86,CV-88	

VM-5Y 2 - /TRP

Relay contact		Arc suppressor		Input		Relay mode*3 (DANGER)		Relay mode*3 (ALERT)		Tropical spec.
2	DPDT (DAN.,ALE.)2 points relay	0	Provided	1	CA Series,CV-86 *1	0	NORMALLY DE-ENERGIZED	0	NORMALLY DE-ENERGIZED	
		1	Not provided	2	CV-85,CV-87 *2 VK,RD,FK,MS VC,VM-11P,VM-21P	1	NORMALLY ENERGIZED	1	NORMALLY ENERGIZED	
				4	Input for VM-55 1CH:VK-202A,FK-202F 2CH:CV-86,CV-88	Note) *3 Select the same relay mode as VM-5□ monitor unit.				

VM-5Y 3 - - /TRP

Relay contact		Arc suppressor		Input		Contact method (DANGER)		Contact method (ALERT)		Contact method (OK)		Tropical spec.
3	SPDT (DAN.1,DAN.2,ALE.1,ALE.2,OK1,OK2)6 points relay	0	Provided	1	CA Series,CV-86 *1	1	NO	1	NO	1	NO	
		1	Not provided	2	CV-85,CV-87 *2 VK,RD,FK,MS VC,VM-11P,VM-21P.	2	NC	2	NC	2	NC	
				4	Input for VM-55 1CH:VK-202A,FK-202F 2CH:CV-86, CV-88							

- Note) *1 2-wire transducer requiring a constant current power supply(4mA, 24VDC).
 *2 3-wire transducer requiring a -24VDC power supply, or any other transducer that does not cause power to be supplied from the monitor to the transducer.
 *4 CE means conformity with EC directive for only this equipment, but not for all the units which are installed in the rack, nor for the whole system.

STANDARD SPECIFICATIONS		STANDARD SPECIFICATIONS	
RELAY POINTS	4 points(DANGER1,ALERT1,DANGER2,ALERT2) 2 points(DANGER,ALERT) 6 points(DANGER1,AERLT1,DANGER2,ALERT2,OK1,OK2)	POWER OUTPUT FOR TRANSDUCER	4mA, 24VDC (input code:1) -24VDC,40mA (input code:2) 1CH : -24VDC, 40mA 2CH : 4mA, 24VDC (input code:4)
OTHERS		CONTACT RATING (LOAD RESISTANCE)	250VAC,5A 30VDC,5A
		CONTACT LIFE	100,000 or more(rated load)
		PROTECTIVE CONSTRUCTION	Plastic seal
		TEMPERATURE RANGE	Operating temperature : 0 to 65°C (+32 to +149°F REF.) Storage temperature : -30 to +85°C(-22 to +185°F REF.) Relative humidity : 20 to 95%RH (noncondensing)
		MASS	max.0.4kg (max.0.9lb REF.)

Alarm contact operation

Monitor alarm relay mode	Monitor power OFF	Monitor power ON	
		Normal state	Alarm state
NO contact NORMALLY DE-ENERGIZED	OPEN	OPEN	CLOSE
NO contact NORMALLY ENERGIZED	OPEN	CLOSE	OPEN
NC contact NORMALLY DE-ENERGIZED	CLOSE	CLOSE	OPEN
NC contact NORMALLY ENERGIZED	CLOSE	OPEN	CLOSE