

VM-5 SERIES MONITOR
SPECIFICATIONS

MODEL VM-5H4 INSTRUMENT RACK
(for VM-5Z5,6,7)



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

VM-5H 4-□/TRP

Number of VM-5 monitor units		Husing fix screw size		Tropical spec.
4	Power supply : 1 unit	0	#4-40UNC	
	Monitor : Max.8 units *1	1	M2.6x0.45	

Note) *1 Max.6 units when VM-5Z0 Power Supply Backup Module is installed.

Standard Specifications		Standard Specifications	
INPUT FOR OPERATION (FROM REAR PANEL)	Filter enable (normally open) Alarm reset (normally open) Sequence (normally open) Contact type : Dry contact	ALARM CONTACT OUTPUT	Function : System OK(common to all channels)*3 Contact capacity load resistance : 250VAC, 5A : 30VDC, 5A Contact type : C contact•Dry contact
SERIAL INTERFACE INPUT/OUTPUT CONNECTOR *6	D-Sub connector 9P 2pc. (IN,OUT) Housing fix screw : #4-40UNC or M2.6x0.45 Specified when ordering. Unless specified otherwise, preset to #4-40UNC. Recommended connector(Socket side) Connector Housing XM2D-0901 XM2S-0913(#4-40UNC) XM2S-0911(M2.6x0.45) [OMRON] GM(E)-9F GM-9LD55GU(#4-40UNC) GM-9LD55G(M2.6x0.45) [HONDA]	CONTACT LIFE	100,000 times or more(rated load)
		PROTECTIVE CONSTRUCTION	Plastic sealed
		TEMPERATURE RANGE	Operating temperature : 0 to 65°C(32 to 149°F REF.)*2 Relative Humidity : 20 to 95%RH(noncondensing)
		MATERIAL AND FINISH	Rack(Top plate,Bottom plate) : ZAM-ZC Rack(Side plate) : SPCC Munsell N-1.0(equiv.) Face plate : Aluminum Munsell N-4.0(equiv.)
OPERATION SWITCH	DANGER bypass switch	MASS	max.9kg(max.20lb REF.)
INDICATOR	Power supply OK indicator : Green LED	OTHERS	

Note) *2 Operating temperature is 0 to 50°C (32 to 122°F REF.) when VM-5Z0 Power Supply Backup Module is installed.

*3 The system OK alarm contacts are not functional unless the VM-5P□ is mounted.

*4 CE means conformity with EC directive for only the rack, but not for all the units which are installed in the rack, nor for the whole system.

*5 Ventilation holes are drilled through the top and bottom faces of the instrument rack for natural cooling. When mounting the instrument rack within the panel, do not close these ventilation holes. If closed, the temperature in the rack may rise to shorten the service life of electronic parts used. Do not place anything which interrupts ventilation within 200 mm from top and bottom faces of the instrument rack.

Do not place the apparatus which generates heat under the instrument rack.

Be careful when installing the instrument rack in a bad-ventilated closed box (instrument panel).

It may cause shortening the life time of electronic parts because of marked rising in temperature of the instrument rack in a bad-ventilated closed box which keeps the heat in.

Cool down inside the box with a cooling fan or the like.

Especially when installing in a small closed box, use the forced-air cooling apparatus like an electronic air conditioner.

*6 The serial interface input/output connectors are not functional unless the VM-5P1,2 is mounted.

*7 This product cannot be used in combination with VM-5Z1, VM-5Z2, or VM-5Z3. Please be sure to use it in combination with VM-5Z5 (VM-5Z1 successor Model), VM-5Z6 (VM-5Z2 successor Model), and VM-5Z7 (VM-5Z3 successor Model).