

VM-5 SERIES MONITOR
SPECIFICATIONS

MODEL VM-5Z1,2,3 POWER SUPPLY UNIT



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

VM-5Z		/TRP	
Power supply voltage*1		Tropical spec.	
1	85 to 264VAC		
2	88 to 144VDC		

Note) *1 The product that the power supply voltage specification is 2 does not conform to CE marking.

Standard Specifications		Standard Specifications	
INDICATORS	+5V Power supply OK indicator : Green LED	RELAY MODE	NORMALLY ENERGIZED
	+17V Power supply OK indicator : Green LED	CONTACT LIFE	100,000 times or more(rated load)
	+24V Power supply OK indicator : Green LED	PROTECTIVE CONSTRUCTION	Plastic sealed
	-15V Power supply OK indicator : Green LED	INSULATION RESISTANCE	Between power supply and GND: 100MΩ or more at 500VDC Between power supply and alarm contact: 100MΩ or more at 500VDC Between GND and alarm contact:100MΩ or more at 500VDC
	-30V Power supply OK indicator : Green LED	DIELECTRIC STRENGTH	Between power supply and GND : 2,000VAC, one minute
ALARM CONTACT OUTPUT	Function : OK	POWER CONSUMPTION	VM-5Z1 : 265VA or less VM-5Z2 : 135W or less
	Contact capacity(load resistance) : 250VAC,5A : 30VDC,5A	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% (noncondensing)
	Contact type : C contact•Dry contact	MATERIAL AND FINISH	Panel : Aluminum Munsel N-1.0(equiv.)
OTHERS	Power supply voltage specification 1 : Conform to CE marking.	MASS	VM-5Z1 : max.2.2kg (max.4.9lb REF.) VM-5Z2 : max.3.0kg (max.6.6lb REF.)
	Power supply voltage specification 2 : Does not conform to CE marking. Conform to RoHS directive.		

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VM-5Z 3		/TRP	
Power supply voltage		Tropical spec.	
3	24VDC±10%		

Standard Specifications		Standard Specifications	
OTHERS	Power supply voltage specification 3 : Conform to CE marking.	INSULATION RESISTANCE	Between power supply and GND :100MΩ or more at 500VDC
		DIELECTRIC STRENGTH	Between power supply and GND : 1,500VAC, one minute
		POWER CONSUMPTION	170W or less
		TEMPERATURE RANGE	Operating temperature : 0 to 50°C (32 to 122°F REF.) Storage temperature : -30 to +85°C (-22 to +185°F REF.) Relative humidity : 20 to 95% (noncondensing)
		MATERIAL AND FINISH	Panel : Aluminum Munsel N-1.0(equiv.)
		MASS	max.3.0kg (max.6.6lb REF.)

Note)

- In the case of using VM-5Z3 Power Supply Unit, the operating temperature of the rack with the monitor units and the relay module units shall be limited to 0 to 50°C (32 to 122°F REF.).
- VM-5Z3 Power Supply Unit have not the power supply OK indicator and the function of the Alarm contact output.