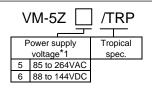
MODEL VM-5Z5,6,7 POWER SUPPLY UNIT

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



Note) *1 The product that the power supply voltage specification is 6 does not conform to CE.

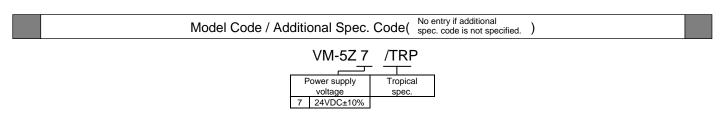
	Standard Specifications	S	tandard Specifications
INDICATORS	+5V Power supply OK indicator : Green LED	RELAY MODE	NORMALLY ENERGIZED
	+17V Power supply OK indicator : Green LED	CONTACT LIFE	100,000 times or more(rated load)
	+24V Power supply OK indicator : Green LED	PROTECTIVE	Plastic sealed
	-15V Power supply OK indicator : Green LED	CONSTRUCTION	
	-30V Power supply OK indicator : Green LED	INSULATION	Between power supply and GND: $100M\Omega$ or more at $500VDC$
ALARM CONTACT	Function : OK	RESISTANCE	Between power supply and alarm contact:
OUTPUT	Contact capacity(load resistance)		100MΩ or more at 500VDC
	: 250VAC,5A		Between GND and alarm contact:100M Ω or more at 500VDC
	: 30VDC,5A	DIELECTRIC STRENGTH	Between power supply and GND : 2,000VAC, one minute
	Contact type : C contact•Dry contact	POWER	VM-5Z5 : 265VA or less
OTHERS		CONSUMPTION	VM-5Z6 : 135W or less
Power supply voltage specification 5 : Conform to CE.		TEMPERATURE	Operating temperature : 0 to 65°C (32 to 149°F REF.)
		RANGE	Storage temperature : -30 to +85°C (-22 to +185°F REF.)
Power supply voltage specification 6 : Does not conform to CE.			Relative humidity : 20 to 95% (noncondensing)
	Conform to RoHS directive.	MATERIAL AND FINISH	Panel : Aluminum Munsel N-1.0(equiv.)
		MASS	
			VM-5Z5 : max.2.2kg (max.4.9lb REF.)
			VM-5Z6 : max.3.0kg (max.6.6lb REF.)

Alarm contact operation (VM-5Z5,6)

Power unit alarm (Contact terminal)		Monitor power ON	
	Monitor power OFF	Normal state	Alarm state
NO contact (Between N.OALARM terminals)	OPEN	CLOSE	OPEN
NC contact (Between N.CALARM terminals)	CLOSE	OPEN	CLOSE

Note)

- 1. The relay mode of VM-5Z5,6 NORMALLY ENERGIZED operation is fixed.
- 2. In the power-on state, the alarm relay is activated if there is an abnormality in the power supply voltage driven by the connected monitor unit.
- 3. 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		
OTHE	RS	INSULATION RESISTANCE	Between power supply and GND $:\!100 \text{M}\Omega$ or more at 500VDC	
Power supply voltage specification 7 : Conform to CE.		DIELECTRIC STRENGTH	Between power supply and GND : 1,500VAC, one minute	
		POWER CONSUMPTION	170W or less	
		TEMPERATURE	Operating temperature : 0 to 50°C (32 to 122°F REF.)	
		RANGE	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)

- 1. In the case of using VM-5Z7 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-5Z7 Power Supply Unit have not the power supply OK indicator and the function of the Alarm contact output.
 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.

SHINKAWA Sensor Technology, Inc.

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[Precautions regarding replacement and combination with spare parts] This product cannot be used in combination with the VM-5W1 and VM-5H3 instrument racks. When using this product, please prepare the replacement kit shown in Table 1. If the VM-5W1 is configured with two power supply units, all two power supply units is subject for replacement.

Model	Contents		
VM-5Z5/RPW	VM-5Z5 (VM-5W with Face plate)		
VM-5Z5/RPH	VM-5Z5 (VM-5H with Face plate)		
VM-5Z6/RPW	VM-5Z6 (VM-5W with Face plate)		
VM-5Z6/RPH	VM-5Z6 (VM-5H with Face plate)		
VM-5Z7/RPW	VM-5Z7 (VM-5W with Face plate)		
VM-5Z7/RPH	VM-5Z7 (VM-5H with Face plate)		

Table 1 Replacement Kit (Alternative connector product)