

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

|                        |              |                |  |
|------------------------|--------------|----------------|--|
| VM-5Z                  |              | /TRP           |  |
| Power supply voltage*1 |              | Tropical spec. |  |
| 5                      | 85 to 264VAC |                |  |
| 6                      | 88 to 144VDC |                |  |

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

| 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<br>Between power supply and alarm contact: 100MΩ or more at 500VDC<br>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-5Z5 : 265VA or less<br>VM-5Z6 : 135W or less  |
|                         | Contact capacity(load resistance)<br>: 250VAC,5A<br>: 30VDC,5A                               | TEMPERATURE RANGE       | Operating temperature : 0 to 65°C (32 to 149°F REF.)<br>Storage temperature : -30 to +85°C (-22 to +185°F REF.)<br>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 5 : Conform to CE.  | MASS                    | VM-5Z5 : max.2.2kg (max.4.9lb REF.)<br>VM-5Z6 : max.3.0kg (max.6.6lb REF.)   |
|                         | Power supply voltage specification 6 : Does not conform to CE.<br>Conform to RoHS directive. |                         |  |
|                         |  |                         |  |
|                         |  |                         |  |
|                         |  |                         |  |

Alarm contact operation (VM-5Z5,6)

| Power unit alarm (Contact terminal)       | Monitor power OFF | Monitor power ON |             |
|---|-------------------|------------------|-------------|
|   |                   | Normal state     | Alarm state |
| NO contact (Between N.O.-ALARM terminals) | OPEN              | CLOSE            | OPEN        |
| NC contact (Between N.C.-ALARM 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.

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

|                      |           |                |  |
|----------------------|-----------|----------------|--|
| VM-5Z7               |           | /TRP           |  |
| Power supply voltage |           | Tropical spec. |  |
| 7                    | 24VDC±10% |                |  |

| Standard Specifications |   | Standard Specifications |  |
|-------------------------|---|-------------------------|--|
| OTHERS                  | Power supply voltage specification 7 : Conform to CE. | 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.)<br>Storage temperature : -30 to +85°C (-22 to +185°F REF.)<br>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.).
2. VM-5Z7 Power Supply Unit have not the power supply OK indicator and the function of the Alarm contact output.
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.

**【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.

**Table 1 Replacement Kit (Alternative connector product)**

| 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) |