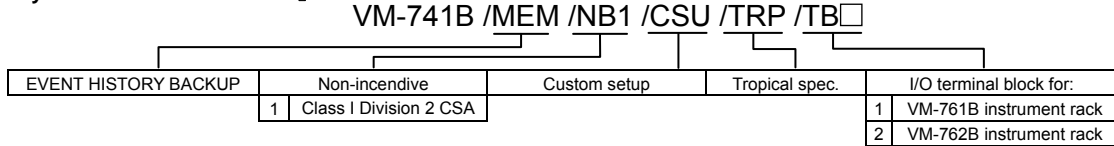
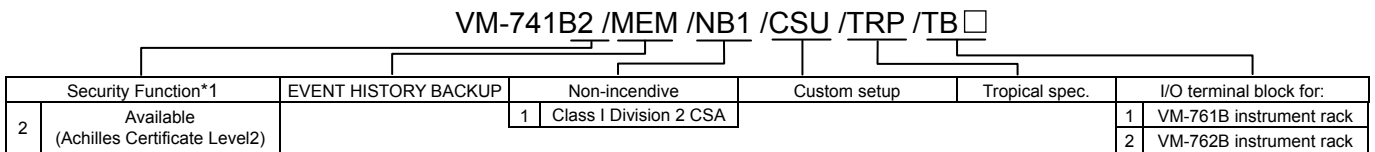


Model Code / Additional Spec. Code ( No entry if additional spec. code is not specified. )

**【When "Security function" is not selected】**



**【When "Security function" is selected】**



Specification

**PHASE MARKER INPUT**

Input points (tachometer) : 4 points  
 Input Impedance : 50kΩ  
 Input voltage range : Less than 50Vp-p  
 Hysteresis : 1V, 2V, 5V  
 Maximum rotation speed : 60,000rpm

**PHASE MARKER INPUT TRANSDUCER**

Proximity transducer : FK-202F, RD-05A

**OPERATION CONTACT INPUT**

RES : Outside reset signal  
 SEQ : Sequence signal  
 FIL : Filter enable signal

**OUTPUT**

Indicators : DAN LED (Red)  
 On : When DANGER alarm occurs  
 (This indicator lights up when DANGER alarm is output from at least one of the modules stored in the instrument rack.)  
 Off : During normal status  
 ALT LED (Yellow)  
 On : When ALERT Alarm occur  
 (This indicator lights up when ALERT alarm is output from at least one of the modules stored in the instrument rack.)  
 Off : During normal status  
 SYS-OK LED (Green)  
 On : During normal status  
 Flash : When OK alarm occurs  
 (This indicator flashes when an input abnormality of the phase marker signal is output or an OK alarm is output within the rack.)  
 D-BYP LED (Red)  
 On : While the DANGER bypass is set  
 Off : During normal status  
 COMM LED (Green)  
 On : Communication is connected  
 Flash : Communication data is being passed  
 Off : Communication is disconnected  
 TRG LED (Yellow)  
 On : A phase marker pulse is not detected  
 Flash : A phase marker pulse is detected

**OUTPUT**

Monitor output : Input signal is output via a buffer amplifier  
 Location : BNC (Front) and connector (Back)  
 Output Impedance : Approx. 100Ω  
 Output current : Max. 5mA  
 Pulse output : Shaped pulse signal is output via a buffer amplifier.  
 Location : BNC (Front)  
 Signal waveform : 0V (V<sub>OL</sub>), 5V (V<sub>OH</sub>)  
 Output Impedance : Approx. 100Ω  
 Output current : Max. 5mA  
 Transducer power supply : proximity transducer  
 -24VDC±10% / 25mA Max.  
 Contact output : SYS-OK  
 Output points : 1  
 Contact type : Dry contact (SPDT)  
 Energization method : Normally de-energized or Normally energized field changeable  
 Contact capacity : 250VAC/5A, 30VDC/5A

**ALARM**

Alarm reset : AUTO-RESET or SELF-HOLD field changeable.

**PROGRAMMABLE INDICATOR COMMUNICATION**

Network : RS-485  
 Protocol : Modbus/RTU  
 Connector : 5-pin connector (Back side of rack)

**MCL VIEW (VM-771B) COMMUNICATION**

Network : Ethernet 100Base-TX  
 Protocol : TCP/IP  
 Connector : RJ-45 (Back side of rack)

**DEVICE CONFIG (VM-772B) COMMUNICATION**

Network : USB 2.0/1.1  
 Connector : Type-B (Front side of rack)

Specification

SECURITY FUNCTION\*1

Network : Ethernet 100Base-TX  
 Protocol : TCP/IP  
 Connector : RJ-45(Back side of rack)  
 Filter function : None(non-compliant Security Function)  
     Off(Filter OFF : Maintenance only)  
     On(Filter ON : In Operation)  
 Client MAC Address : MAC Address of PC for MCL View  
 Client IP Address : IP Address of PC for MCL View

\*1 About the Security Function

- When selecting the presence of "security function", other networks (VM-742B: Fieldbus(Modbus / TCP), Analysis software communication (TCP / IP)) to unify security policies are also " Please select the presence of security function ".
- Custom setup of "Security function" can't be order.
- Select "Security Function", you can meet a global certification program (Achilles Certification Level 2) that proves to have a certain network robustness.
- Achilles is a registered trademark of GE Digital.

ENVIRONMENTAL CONDITION

Operating temperature : 0 to +65°C  
 Storage temperature : -30 to +85°C  
 Relative humidity : 20 to 95%RH (non-condensing)

POWER CONSUMPTION

Module alone : Less than 15W

MATERIAL and FINISH

Face plate : ABS (Black)  
 Sheet : Polyester tough top (Gray)  
 Base plate : Aluminium alloy (Silver)

MASS

Body : Max. 1.0 kg (2.2 lb)

ACCESSORY SPECIFICATION CODE / IDENTIFIED BY TB□

Code	Accessory	Quantity (Part Code)
/TB1	Phase Marker input terminal block plug (15pin) FRONT-MC-1.5/15-STF-3.81(PHOENIX CONTACT)	1piece (7072NAB)
	Phase Marker input terminal block plug (6pin) FRONT-MC-1.5/6-STF-3.81(PHOENIX CONTACT)	1piece (7072NAC)
	SYSTEM-OK output terminal block plug (6pin) FRONT-MC-1.5/6-STF-3.81(PHOENIX CONTACT)	1piece (7072NAC)
	Contact input terminal block plug (6pin) FRONT-MC-1.5/6-STF-3.81(PHOENIX CONTACT)	1piece (7072NAC)
/TB2	SYSTEM-OK output terminal block plug (6pin) FRONT-MC-1.5/6-STF-3.81(PHOENIX CONTACT)	1piece (7072NAC)
	Contact input terminal block plug (6pin) FRONT-MC-1.5/6-STF-3.81(PHOENIX CONTACT)	1piece (7072NAC)

Note) \*1 D-sub plugs and hoods are not included in this code. Please make necessary arrangement separately, if required.

\*2 When individually ordering specify the parts code, it is require to arrange for a necessary amount.



**WARNING**

Some functions may not be available with old version.  
 For details, please refer to "infiSYS Family Improvement Information" (6H16-011).

Default Value

INPUT (PHASE MARKER)

Not used

SYSTEM-OK ALARM

Alarm reset : Auto Reset  
 Enagization method : NORMALLY DE-ENERGIZED  
 Relay logic : "OR" of all OK alarm

COMMUNICATION

IP Adress : 192.168.8.8  
 Subnet mask : 255.255.255.0  
 IP Port No. : 8888

SECURITY FUNCTION(Case of None)

Filter : None  
 Client MAC Address : FF-FF-FF-FF-FF-FF  
 Client IP Address :192.168.8.100

SECURITY FUNCTION(Case of Available)

Filter : Off  
 Client MAC Address : FF-FF-FF-FF-FF-FF  
 Client IP Address :192.168.8.100

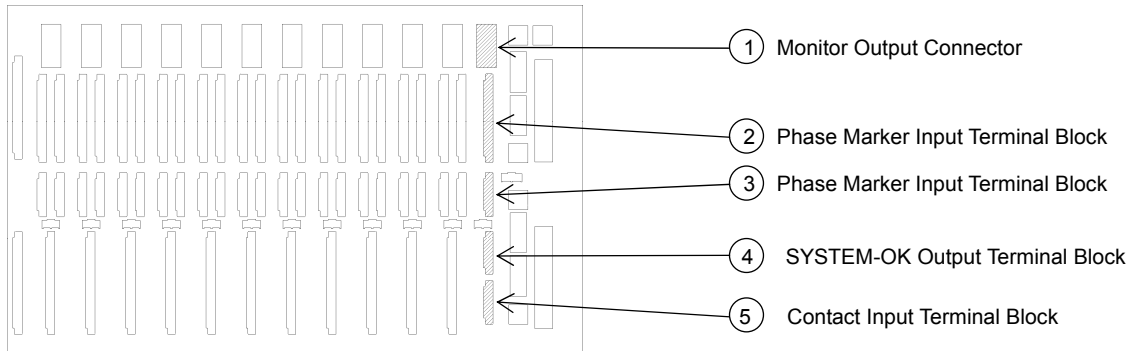
OTHERS

Alarm Contact Operation

Contact type	Enagization method	Power OFF	Power ON	
			Normal state	Alarm state
N.O. contact	NORMALLY DE-ENERGIZED	OPEN	OPEN	CLOSE
	NORMALLY ENERGIZED	OPEN	CLOSE	OPEN
N.C. contact	NORMALLY DE-ENERGIZED	CLOSE	CLOSE	OPEN
	NORMALLY ENERGIZED	CLOSE	OPEN	CLOSE

Plug/ Terminal Block (Connector) Pin Assignment

VM-761B Instrument Rack  
(Back)

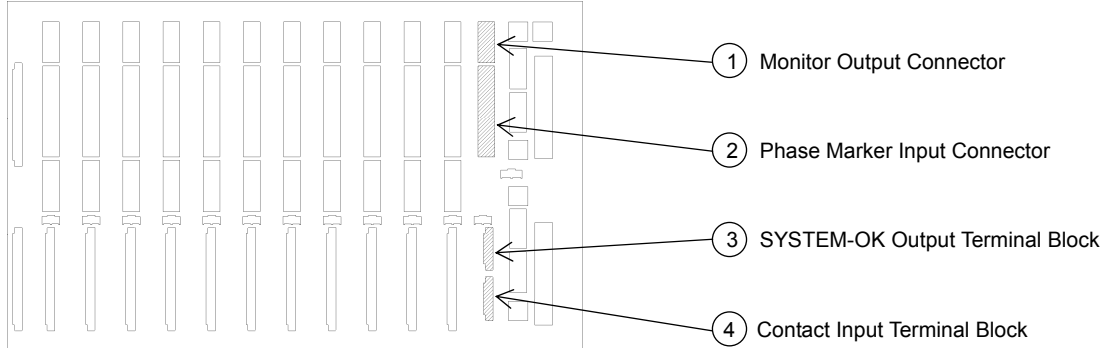


	Back of Instrument Rack	Plug/ Terminal Block (Connector) Pin Assignment	Fitting Plug	Part Code																														
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Note) For the accessory specification code "/TB1", the fitting terminal block plugs ② ③ ④ ⑤ are included.  
For the accessory specification code "/TB1", the D-sub plug and hood ① are not included. If required,  
please make necessary arrangement separately referring to the part code above.

Plug/ Terminal Block (Connector) Pin Assignment

VM-762B Instrument Rack  
(Back)



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Note) For the accessory specification code "/TB2", the fitting terminal block plugs ③ ④ are included.

For the accessory specification code "/TB2", the D-sub plugs and hoods ① ② are not included. If required, please make necessary arrangement separately referring to the part code above.