

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

VM-722B /NB1 /CSU /TRP /TB

	Non-incendive	Custom setup	Tropical spec	I/O terminal block for:	
1	CSA C/US: Class I, Division 2, Groups A,B,C and D			1	VM-761B instrument rack
				2	VM-762B instrument rack

Specification

OUTPUT

Indicators : ACTIVE LED (Green)  
On : Normal

Contact output : Output at alarm detect.  
Number of outputs : 9 points  
Contact type : Dry contact (SPST)  
Select for N.O. / N.C. contact by internal jumper.  
Enagization method : Normally de-energized or  
Normally energized field  
changeable  
Contact capacity : 250VAC/5A, 30VDC/5A

ENVIRONMENTAL CONDITION

Operating temperature : 0 to +65°C  
Operating temperature at explosion proof construction : 0 to +60°C  
Storage temperature : -30 to +85°C  
Relative humidity : 20 to 95%RH (non-condensing)

POWER CONSUMPTION

Module : Less than 15W

MATERIAL AND FINISH

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

MASS

Body : Max. 1.0kg (2.2lb)

ACCESSORY SPECIFICATION CODE / IDENTIFIED BY TB

Code	Accessory	Quantity (Part Code)
/TB1	Contact output terminal block plug (18pin) FRONT-MC-1.5/18-STF-3.81 (PHOENIX CONTACT)	1piece <sup>*1</sup> (7072NAA)
/TB2	Contact output terminal block plug (18pin) FRONT-MC-1.5/18-STF-3.81 (PHOENIX CONTACT)	1piece <sup>*1</sup> (7072NAA)

Note)\*1 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).

OTHERS

Note) This module can be installed in any slot from 1 to 11.

VM-722B Device Config is necessary to program the logic of output contact.

Default Value

CONTACT OUTPUT

Contact (RELAY1) : Slot 1 DANGER  
Contact (RELAY2) : Slot 1 ALERT  
Contact (RELAY3) : Slot 2 DANGER  
Contact (RELAY4) : Slot 2 ALERT  
Contact (RELAY5) : Slot 3 DANGER  
Contact (RELAY6) : Slot 3 ALERT  
Contact (RELAY7) : Slot 4 DANGER  
Contact (RELAY8) : Slot 4 ALERT  
Contact (RELAY9) : Slot 5 DANGER

CONTACT OUTPUT

Enagization method : Normally de-energized  
Contact Type : N.O. (Normally Open) Contact

OTHERS

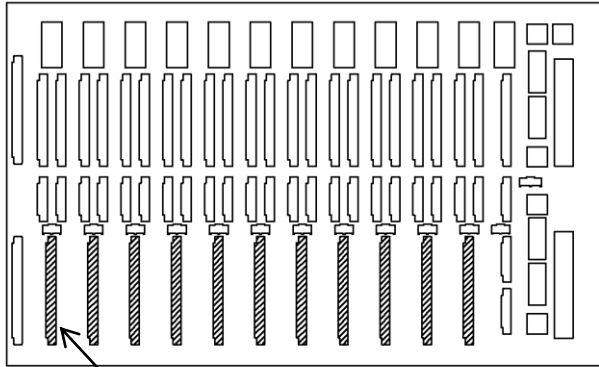
Alarm Contact Operation

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

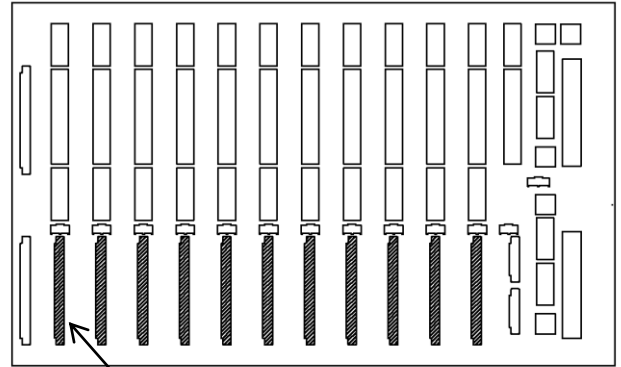
Plug/ Terminal Block (Connector) Pin Assignment

VM-761B Instrument Rack  
(Back)

VM-762B Instrument Rack  
(Back)



① Contact Output Terminal Block



① Contact Output Terminal Block

	Back of Instrument Rack	Plug/ Terminal Block (Connector) Pin Assignment	Fitting Plug	Part Code																																				
①		<table border="1"> <tbody> <tr><td>E1</td><td>RL1</td></tr> <tr><td>E2</td><td>RL1</td></tr> <tr><td>E3</td><td>RL2</td></tr> <tr><td>E4</td><td>RL2</td></tr> <tr><td>E5</td><td>RL3</td></tr> <tr><td>E6</td><td>RL3</td></tr> <tr><td>E7</td><td>RL4</td></tr> <tr><td>E8</td><td>RL4</td></tr> <tr><td>E9</td><td>RL5</td></tr> <tr><td>E10</td><td>RL5</td></tr> <tr><td>E11</td><td>RL6</td></tr> <tr><td>E12</td><td>RL6</td></tr> <tr><td>E13</td><td>RL7</td></tr> <tr><td>E14</td><td>RL7</td></tr> <tr><td>E15</td><td>RL8</td></tr> <tr><td>E16</td><td>RL8</td></tr> <tr><td>E17</td><td>RL9</td></tr> <tr><td>E18</td><td>RL9</td></tr> </tbody> </table>	E1	RL1	E2	RL1	E3	RL2	E4	RL2	E5	RL3	E6	RL3	E7	RL4	E8	RL4	E9	RL5	E10	RL5	E11	RL6	E12	RL6	E13	RL7	E14	RL7	E15	RL8	E16	RL8	E17	RL9	E18	RL9		7072NAA
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Note) For the accessory specification code “/TB□”, the fitting terminal block plugs ① are included.