

GUIDE

Remote Status Panel 2-6 CS0-RSP2-06(CM06P) 2/22/2024

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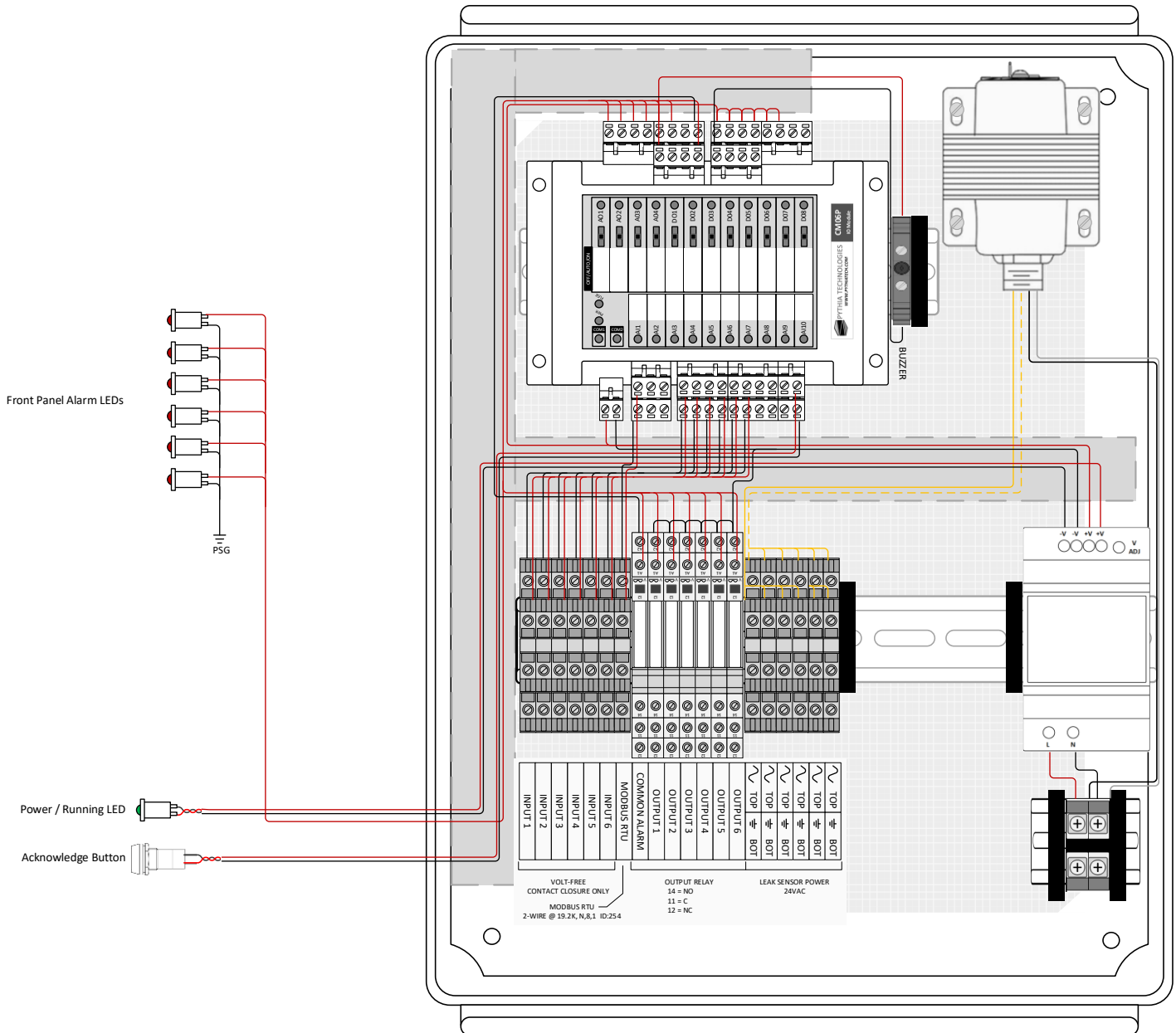
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1. Assembly



1.1 Power Supplies

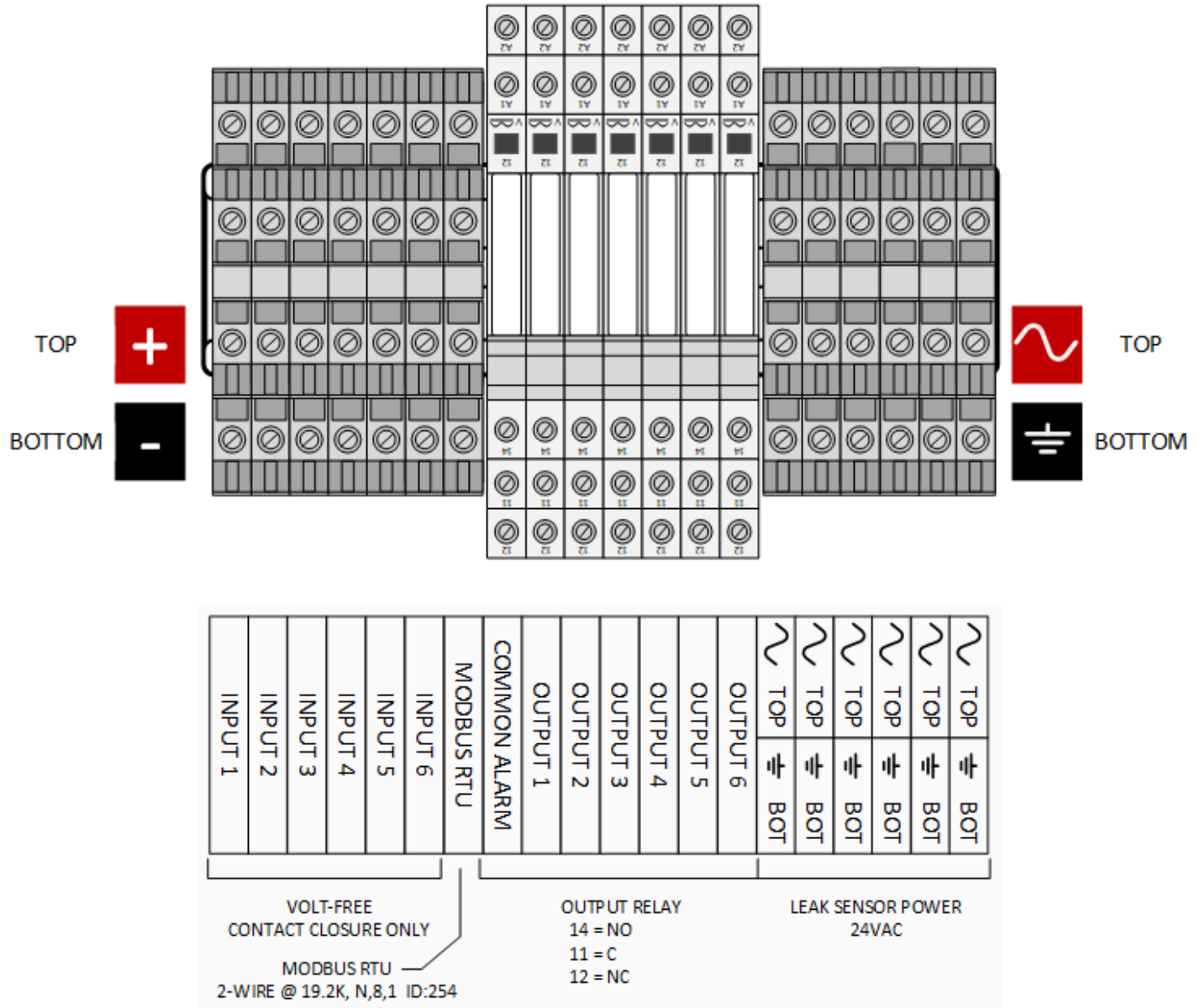
1.1.1 120VAC to 24VDC

The 120VAC power supply is the Meanwell HDR-60-24. Refer to <https://www.meanwell.com/productPdf.aspx?i=753> for specifications.

1.1.2 120VAC to 24VAC

The 24VAC power supply is the Functional Devices TR50VA005US. Refer to <https://www.functionaldevices.com/wp-content/uploads/2021/08/TR50VA005US.pdf> for specifications.

2. Low Voltage Connections



2.1 Unit Alarm Input

Voltage free dry-contact alarm from unit. The inputs support normally open and normally closed.

2.2 Output Relays

Output relay supports normally open and normally closed. Contacts rated 250VAC/6A, 30VDC/6A.

2.3 Modbus/RTU Standard

Recommend Beldin 82761 22AWG. Defaults: Modbus address 254, 8, N, 1, 19200.

2.4 Modbus/TCP Option

Recommend CAT5E or higher. Default: 192.168.0.7, 255.255.255.0.

3. LED Test Mode

Hold the Acknowledge button for approximately 5 seconds. The LEDs will light, and the alarm buzzer will sound.

4. Panel Configuration

To configure the panel, download the configuration tool from <https://pythiatech.com/downloads>. Refer to the tool documentation for usage. The panel is configured using the configuration tool via RS-485 or a network connection if optional Modbus/TCP converter installed. After downloading, open Windows Command Prompt and navigate to the directory/ folder where the file is located. Type “PTT_CM06P_TOOLS” for a list of available commands.

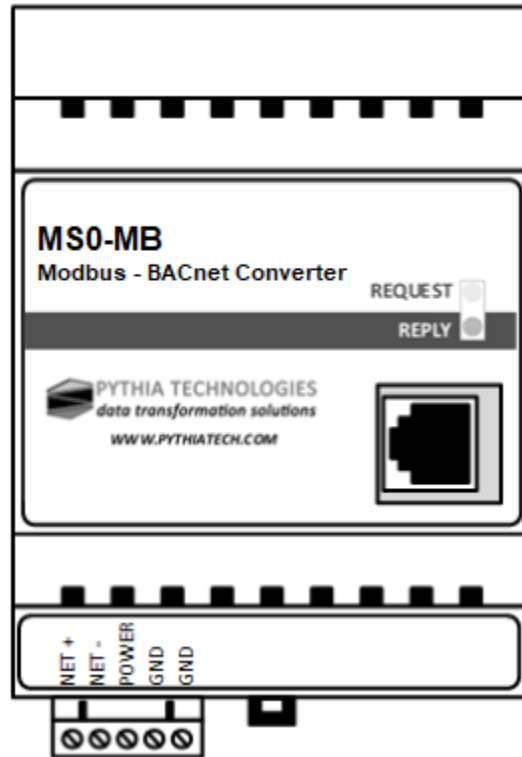
The panel can be configured using any common Modbus tool such as the Pythia Tech Modbus Tool located at <https://pythiatech.com/software> or WinTech’s Modscan tool <https://www.win-tech.com/html/demos.htm>.

5. Modbus Registers

DESCRIPTION	REGISTER	READ / WRITE	DEFAULT
INPUT 1 STATE	41001	R	0 = OFF, 1 = ON
INPUT 2 STATE	41002	R	0 = OFF, 1 = ON
INPUT 3 STATE	41003	R	0 = OFF, 1 = ON
INPUT 4 STATE	41004	R	0 = OFF, 1 = ON
INPUT 5 STATE	41005	R	0 = OFF, 1 = ON
INPUT 6 STATE	41006	R	0 = OFF, 1 = ON
OUTPUT 1 LED/RELAY	42001	R	0 = OFF, 1 = ON
OUTPUT 2 LED/RELAY	42002	R	0 = OFF, 1 = ON
OUTPUT 3 LED/RELAY	42003	R	0 = OFF, 1 = ON
OUTPUT 4 LED/RELAY	42004	R	0 = OFF, 1 = ON
OUTPUT 5 LED/RELAY	42005	R	0 = OFF, 1 = ON
OUTPUT 6 LED/RELAY	42006	R	0 = OFF, 1 = ON
UNUSED	42007	R	55537
UNUSED	42008	R	55537
ALARM BUZZER	42009	R	0 = OFF, > 1 = ON
UNUSED	42010	R	55537
UNUSED	42011	R	55537
COMMON ALARM RELAY	42012	R	0 = OFF, > 1 = ON
PRODUCT	43001	R	1
VERSION	43002	R	RELEASED VERSION
BUZZER CONFIGURATION	44000	R/W	0=ENABLE 1=DISABLE
ALARM DELAY	44001	R/W	0-60 SECONDS
UNUSED	44002-10	R	55537
INPUT 1 TYPE	44011	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 2 TYPE	44012	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 3 TYPE	44013	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 4 TYPE	44014	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 5 TYPE	44015	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 6 TYPE	44016	R/W	0=NORMAL OPEN 1=NORMAL CLOSED

6. BACnet/IP (Optional Adapter)

Refer to MS0-MB Guide for configuring the adapter.



DESCRIPTION	TYPE	READ / WRITE	DEFAULT
PANEL COMMUNICATIONS	BV-1	R	0 = ALARM, 1 = NORMAL
PANEL STATE	BV-2	R	0 = NORMAL, 1 = ALARM
INPUT 1 STATE	BV-3	R	0 = OFF, 1 = ON
INPUT 2 STATE	BV-4	R	0 = OFF, 1 = ON
INPUT 3 STATE	BV-5	R	0 = OFF, 1 = ON
INPUT 4 STATE	BV-6	R	0 = OFF, 1 = ON
INPUT 5 STATE	BV-7	R	0 = OFF, 1 = ON
INPUT 6 STATE	BV-8	R	0 = OFF, 1 = ON
OUTPUT 1 STATE	BV-9	R	0 = OFF, 1 = ON
OUTPUT 2 STATE	BV-10	R	0 = OFF, 1 = ON
OUTPUT 3 STATE	BV-11	R	0 = OFF, 1 = ON
OUTPUT 4 STATE	BV-12	R	0 = OFF, 1 = ON
OUTPUT 5 STATE	BV-13	R	0 = OFF, 1 = ON
OUTPUT 6 STATE	BV-14	R	0 = OFF, 1 = ON
ALARM DELAY	AV-1	R/W	0-60 SECONDS
INPUT 1 TYPE	BV-15	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 2 TYPE	BV-16	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 3 TYPE	BV-17	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 4 TYPE	BV-18	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 5 TYPE	BV-19	R/W	0=NORMAL OPEN 1=NORMAL CLOSED
INPUT 6 TYPE	BV-20	R/W	0=NORMAL OPEN 1=NORMAL CLOSED