

MP-401E CPU Card

Features

- ✧ 1 RS485 port
- ✧ 1 RS422 port
- ✧ 2 CAN ports
- ✧ 1 LED port
- ✧ 10 GPIO ports
- ✧ 7 GPIO inputs

Description

- ✧ Refer to GST-IFP4E Fire Alarm Control Panel Installation and Operation Manual.
- ✧ MP-401E CPU Card is CPU board of GST-IFP4E control panel.
- ✧ Is not hot-swappable MP-401E CPU Card.
- ✧ MP-401E CPU Card can be connected with MP-400 through PCB connector.

LED corresponding for MP-400 is flashing to mean that MP-401E is operating normally.

Connection and Wiring

MP-401E is inserted into the lining board of MP-400. One MP-400 can have two MP-401E cards which are inserted onto slot 1# and slot 2#.

When one MP-401E card is used, slot 1# is available. LED on the MP-400 is flashing when MP-401E works normally.

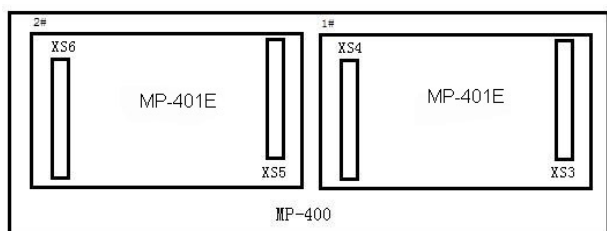
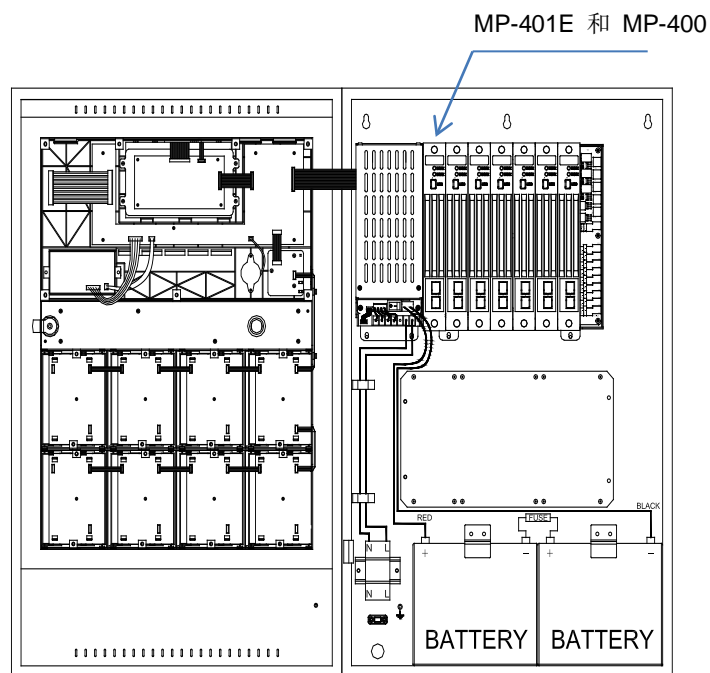


Fig. 1 Installing MP-401E on MP-400



Installation

After installing MP-401E on the MP-400, MP-400 is inserted onto MB-400.



Application

MP-401E card is main board of GST-IFP4E control panel. It controls and monitors states of NAC, relay, auxiliary power and processes 485 cable and CAN information.

Specification

Comm. Interface	One RS455, one RS485 and two CAN interfaces
Baud Rate	10Kbps
Ambient Temperature	-5-50°C/23-122° F
Relative Humidity	95% RH (non-condensing)
Electrical Rating	5VDC, 100mA,

Trouble Shooting

Problems	Solutions
The control panel reports the fault of off-line main board.	If the corresponding LED on MP-400 is flashing, the main board operates normally. Then check cables between MB-400 and LED keypad board. If the corresponding LED on MP-400 is not flashing, the control panel can be reset. Please replace the main board if the fault still exists after resetting.

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