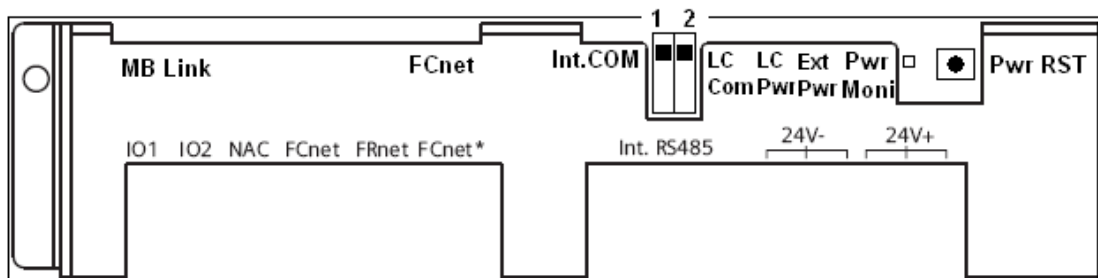


## FCM1821-A2 FC186x Terminal Board of Main Board Product Manual

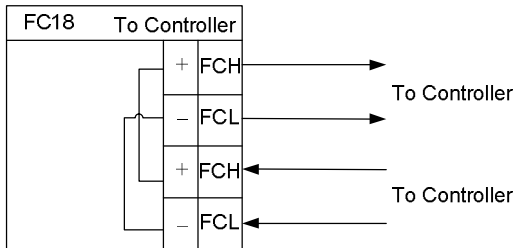
### Overview

FCM1821-A2 terminal board of main board is designed for FC18 series controller, used for easy wiring connection.

### Connection Diagram



Sign	Description
MB link /FCnet (upside)	Connect to "MB Link" port on main unit
Int COM	Reserved
LC COM	Connect to line card for communication
LC Pwr	Connect to line card for power supply
Ext. Pwr	Connect to 24VDC power supply
Pwr Moni	Connect to port "PWR. MNTR" on main unit
Pwr RST	Used for manufacture test only
IO1/IO2	Programmable input/output (see to Fig.4)
NAC	Connect to NAC alarm (see to Fig.3)
FCnet	Connect to controller (see to Fig.1)
FRnet	Connect to floor repeater display FRT (see Fig.2)
Int.RS485	Reserved
24V-/24V+	Used for manufacture test only
1/2	Dip-switch, used to set EOL of interlocking panel/line card



**Note: Ensure positive and negative connections are properly, FC18-BUS is polarity sensitive. Connect a 120Ω resistor as monitoring resistor. It must be connected at the end of the line. ( It also can be set by 2-digit Dip-switch on main board )**

Fig. 1 Network connection diagram

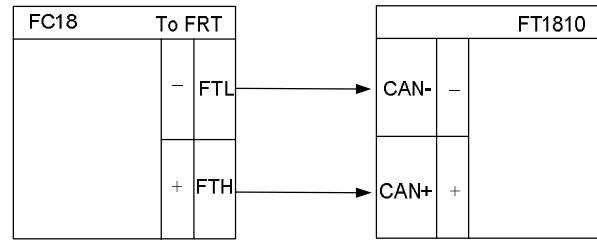


Fig. 2 FRT connection diagram

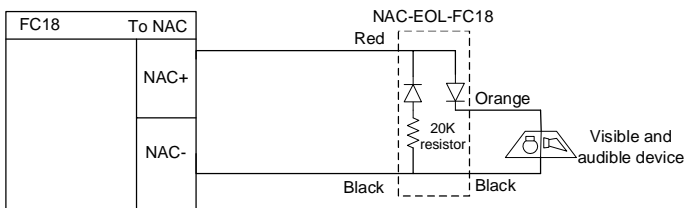


Fig. 3 NAC connection diagram

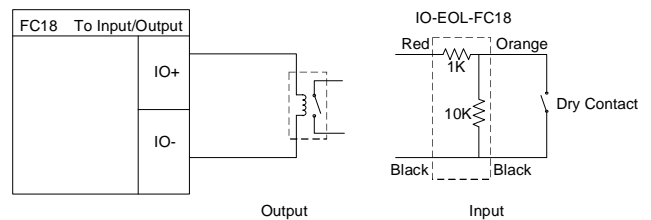


Fig. 4 IO of main board connection diagram

## Technical Data

Operating temperature	0 ~ +50℃
Storage temperature	-20 ~ +60℃
Humidity	≤95% (40 ± 2℃)
Size	250*50mm

## Order Information

Type	Material No.	Part No.	Description	Weight
FCM1821-A2	S54420-A15-A1	100935677	FC186x terminal board of main board	0.094Kg