



FCI1802-A2 FC186x Line Card Product Manual

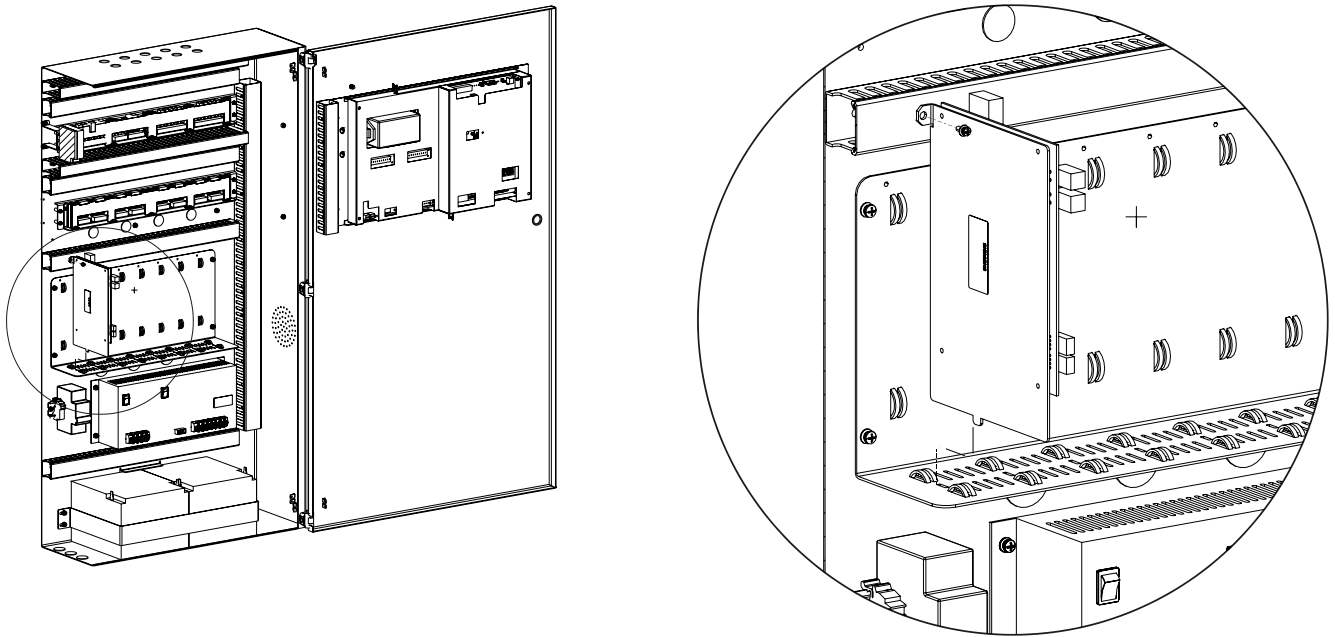
Characteristics

- FCI1802-A2 line card is specially designed for FC18 series controllers. It can be automatically identified by controller. It is used for connection with FD181series field devices.
- A FCI1802-A2 line card contains one line, and each line can connect 252 points.
- 2-wire polarity-free of detection bus, stub wiring is available and free branch is acceptable.
- Overload protection is available.
- In case of a short circuit line protection is activated automatically. When trouble is resolved, line card can recover normal automatically.

Technical Data

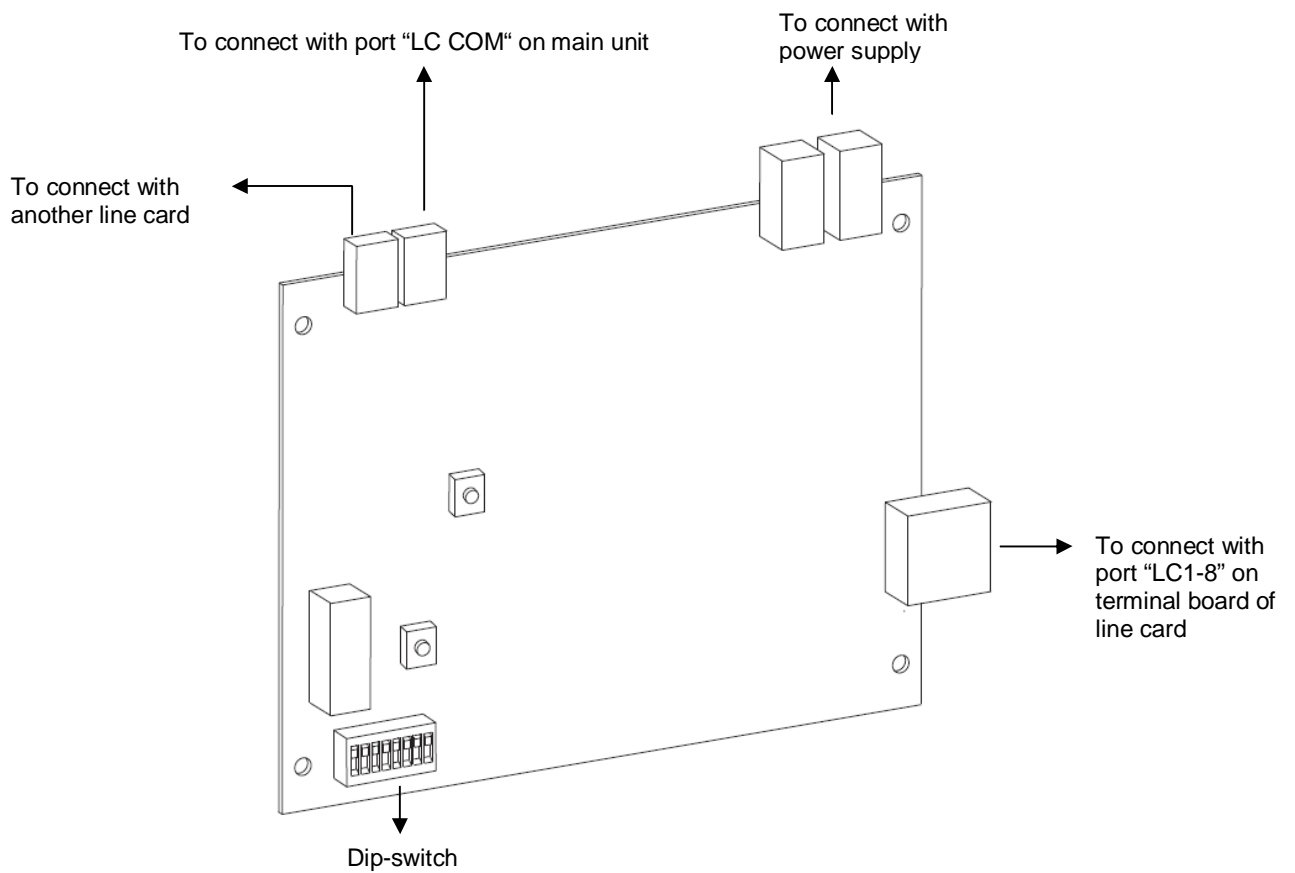
Max. No. of line for each card	1
Max. No. of field devices for each line	252
Max. No. of load factor for each line	252
Wire type for FD18-BUS	Recommend RVS1.0~RVS1.5
Max. distance of loop	2500m
Max. distance of stub	1500m
Line impedance	$\leq 60\Omega$ (mongline)
Line capacitive reactance	$\leq 500\text{nF}$
Auto protection in case of short circuit (isolation)	available
Line operating voltage	24VDC
Quiescent current	30mA
Max. current	1.5A
Operating temperature	0 ~ +50°C
Storage temperature	-20 ~ +60°C
Humidity	$\leq 95\%$ (40 \pm 2°C)
Size	155*120mm

Installation



Step1: insert line card into notch on bottom and back plate.
Step2: fix line card to back plate with one screw.

Connection Diagram



Dip-switch

8-digit Dip-switch, the 1-4 digits is used for setting line card address (6-13), the 5-8 digits is "Off".

Address	D1	D2	D3	D4
Null	Off	Off	Off	Off
6	Off	On	On	Off
7	On	On	On	Off
8	Off	Off	Off	On
9	On	Off	Off	On
10	Off	On	Off	On
.....				
13	On	Off	On	On

Order Information

Type	Material No.	Part No.	Description	Weight
FC11802-A2	S54420-A10-A1	100935676	FC186x Line Card	0.095Kg