

## FCI7202-A1 Line Card Product Manual

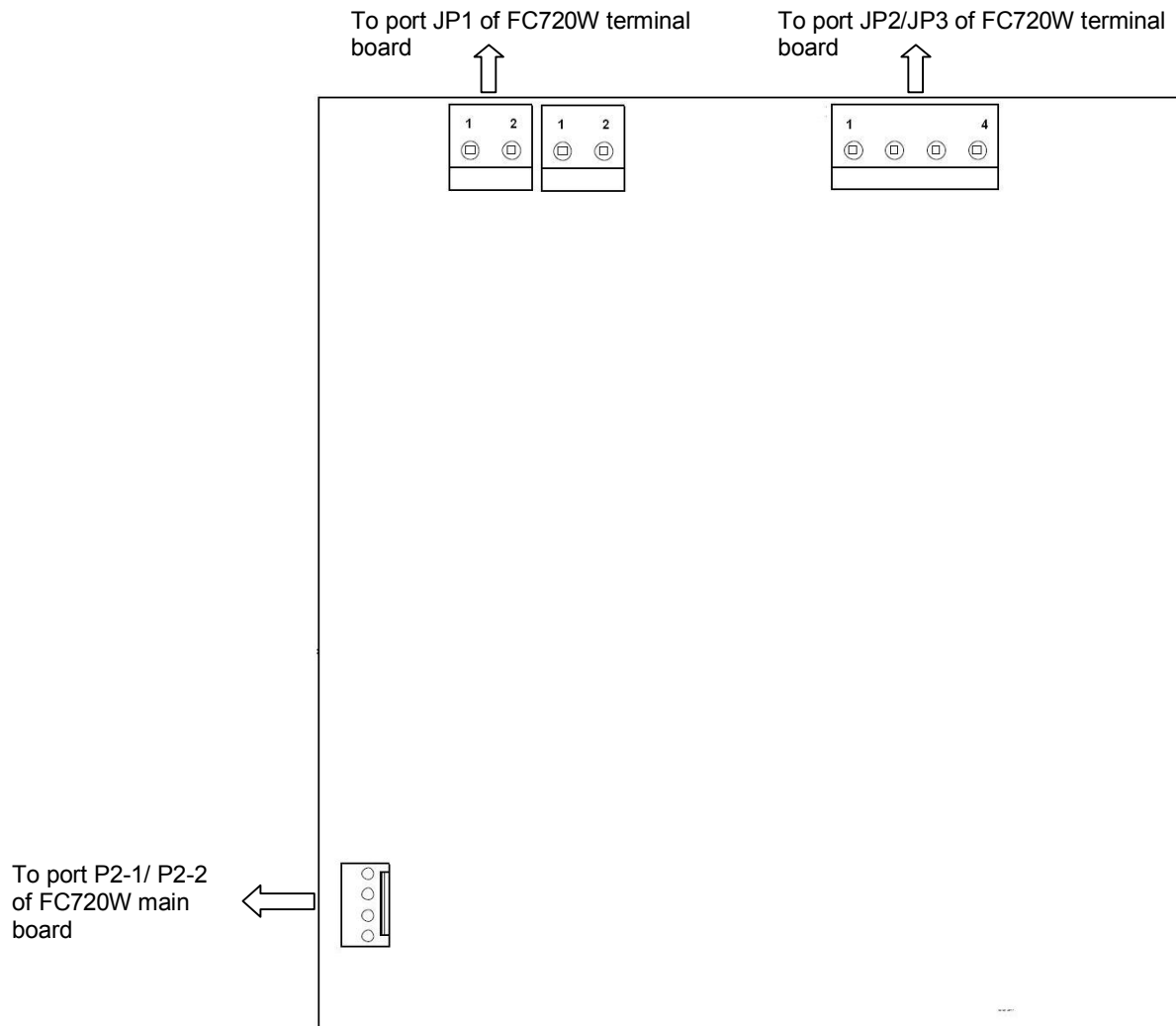
### Overview

- FCI7202-A1 line card is specially designed for FC720 series controllers. It can be automatically identified by controller. It is used for connection with C-NET series field devices.
- FCI7202-A1 line card contains one line, and each line can connect 252 points.
- 2-wire detection bus, stub wiring is available and free branch is acceptable.
- Overload protection is available.
- In case of a short circuit line protection can be 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 C-NET	Recommend RVS1.0~RVS1.5
Max. distance of loop	2500m
Max. distance of stub	1500m
Line impedance	$\leq 60\Omega$ (mongline)
Line capacitive reactance	$\leq 500\text{nF}$
Short circuit auto protection (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	120*110mm

## Connection Diagram



## Order Information

Type	Material No.	Part No.	Description	Weight
FCI7202-A1	S54400-A300-A1	101908448	FC720W controller line card	0.075Kg

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## FCI7202-A1 回路卡 使用说明书

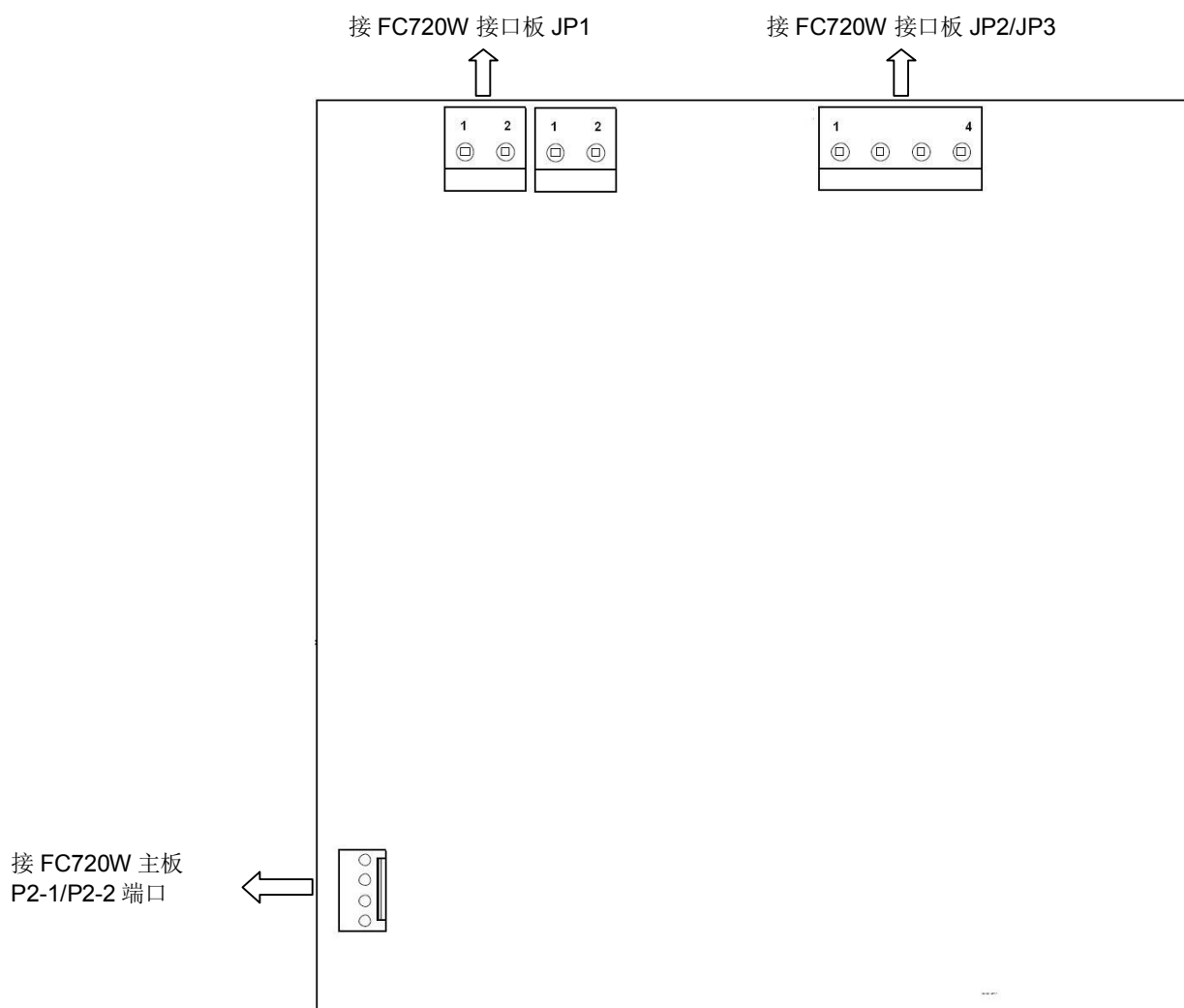
### 概述

- FCI7202-A1回路卡专为FC720系列控制器设计，具有控制器自动识别功能，用于连接C-NET系列现场部件。
- FCI7202-A1回路卡包含1条回路，每条回路可以连接252个负载因子。
- FCI7202-A1回路卡采用两总线的连接方式，现场总线支路布线，可任意分支。
- 有过载保护功能。
- 短路时自动启动回路保护功能，解除故障，回路卡能自动恢复正常。

### 性能参数

每个回路卡所带最大回路数	1
每条回路最多可接现场部件	252
每条回路最大的负载因数	252
现场总线推荐线型	推荐 RVS1.0~RVS1.5
环路最远距离	2500m
支路最远距离	1500m
回路阻抗	$\leq 60\Omega$ (单线)
回路容抗	$\leq 500\text{nF}$
短路自动保护（隔离）	有
回路工作电压	+24VDC
静态电流	30mA
最大电流	1.5A
工作温度	0 ~ +50°C
贮存温度	-20 ~ +60°C
相对湿度	$\leq 95\%$ (40±2°C)
回路卡尺寸	120*110mm

## 接线图



## 订货信息

型号	部件号	名称	重量
FCI7202-A1	101908448	FC720W 控制器回路卡	0.075Kg

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