

CC-PCF901

Nine-Port Control Firewall Module

CONTROLLED ENGINEERING COPY

Verify the CC-TCF901 IOTA, port labels, FTE A/B paths, cable routing, controller pairing and approved firmware record before returning the node to service.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	CC-PCF901
Manufacturer part	CC-PCF901
Hardware type	Control Firewall
System family	Experion C300 control network



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01 PRE-INSTALLATION PLAN

- 1

Verify the complete CC-PCF901 marking and its assigned nine-port Control Firewall position before work.
- 2

Place the connected process and control strategy in the approved maintenance state.
- 3

Isolate the applicable cabinet supply and network field energy before disconnecting conductors.
- 4

Record terminal numbers, channel assignments, polarity, shields and configured ranges before removal.
- 5

Use ESD controls and protect the backplane connector, terminal hardware and coated electronics.

MATCHED HARDWARE

- CC-TCF901 IOTA
- C300 controller
- FTE network switches and cables
- Experion topology and node record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	CC-PCF901 / CC-PCF901 recorded
Physical interface	CC-TCF901 IOTA
Companion check	C300 controller
Functional proof	Provides nine control-network ports
Application test	C300 FTE cabinet connection

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Module role	Control Firewall
Network ports	9
IOTA	CC-TCF901
Supply	24 V DC
Current	0.150 A
Heat dissipation	3.750 W

SYSTEM CONNECTION RECORD

CONNECTION ITEM	DOCUMENTED ASSIGNMENT
Installed host / carrier	CC-TCF901 IOTA
Companion hardware	C300 controller
Field connection	FTE network switches and cables
Primary system function	Provides nine control-network ports
Controlled acceptance duty	C300 FTE cabinet connection

FIELD NOTE

Verify the CC-TCF901 IOTA, port labels, FTE A/B paths, cable routing, controller pairing and approved firmware record before returning the node to service.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	CC-PCF901 / CC-PCF901 recorded
Physical interface	CC-TCF901 IOTA
Companion check	C300 controller
Functional proof	Provides nine control-network ports
Application test	C300 FTE cabinet connection

04 RETURN-TO-SERVICE RECORD

- ☐
- Confirm the installed CC-TCF901 IOTA and carrier arrangement against the approved project.
- ☐
- Restore power in a controlled sequence and clear only diagnostics created by the maintenance activity.
- ☐
- Complete FTE path, link-status and controller communication checks and retain the measured result before returning the channel to automatic service.
- ☐
- Confirm the intended process response before normal operation.

VERIFICATION RECORD

PRODUCT IDENTITY	CC-PCF901
INSTALLED POSITION	Documented Experion C300 control network position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
WEB-600	Related industrial automation product	View WEB-600 page
MU-KBFT02	Related industrial automation product	View MU-KBFT02 page
8C-TDODB1	Related industrial automation product	View 8C-TDODB1 page
CC-GDIL01	Related industrial automation product	View CC-GDIL01 page
FC-USI-0001-V1-0	Related industrial automation product	View FC-USI-0001-V1-0 page
CC-PAOH01	Related industrial automation product	View CC-PAOH01 page
SC-UCNN11	Related industrial automation product	View SC-UCNN11 page
MU-TSIM12	Related industrial automation product	View MU-TSIM12 page

SOURCE IDENTIFIERS

Honeywell Series-C I/O User's Guide
EPDOC-X126-en-A

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