

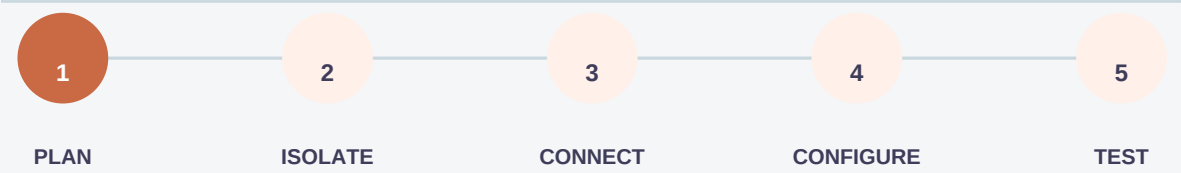
DC-TCF901 51307593-176

DC-TCF901 Control Firewall IOTA

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Honeywell DC-TCF901 51307593-176 is a Series C Mark II Control Firewall IOTA. It provides eight in-cabinet FTE downlinks, one supervisory uplink and the documented 24 VDC distribution for the installed CC-PCF901 module.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	DC-TCF901 51307593-176
Manufacturer	Honeywell
System family	Experion PKS Control Firewall
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

1

Confirm DC-TCF901 and item number 51307593-176 on the IOTA record.

2

Place the C300 and affected FTE paths in the approved maintenance state.

3

Record all eight downlinks, the supervisory uplink and installed media modules.

4

Isolate 24 VDC and network paths using the documented Control Firewall procedure.

5

Verify CC-PCF901 seating and every copper or fiber connection.

MATCHED HARDWARE

- Honeywell DC-TCF901 51307593-176 with exact visible identity
- Matched Experion PKS Control Firewall host
- Documented power, field and communication interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	DC-TCF901 51307593-176 recorded
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms termination, power distribution and FTE connection for a Series C Control Firewall

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product type	Control Firewall IOTA
IOTA model	DC-TCF901
Manufacturer item number	51307593-176
Series	Series C Mark II
Mounted module	CC-PCF901 Control Firewall
FTE downlinks	8 in-cabinet ports
Supervisory uplink	1 port
Total FTE connections	9
Power distribution	24 V DC
PWB execution	Coated
Fiber module options	CC-FSMX01 and CC-FMMX01 where documented
Network role	Control Firewall FTE segment termination
Commissioning scope	Port mapping, power, redundancy, fiber/copper media and FTE health

RELATED PRODUCT PAGES

1 Siemens 6RY1243-0EA00

2 Siemens A5E00282044

3 Siemens A5E36228241

4 Siemens A5E03915589

5 ABB MM21

6 ABB MPRC-086349-002

7 ABB MZ03

8 ABB SDCS-PIN-H51

9 ABB SPA-ZC-400

FIELD NOTE

Confirm DC-TCF901 51307593-176, its exact host, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	DC-TCF901 51307593-176
Physical interface	Installed terminals, ports and signals matched to the as-found record
Configuration	Approved Honeywell hardware and system configuration restored
Functional proof	Controlled test confirms termination, power distribution and FTE connection for a Series C Control Firewall

04 RETURN-TO-SERVICE RECORD

- ☐ Verify CC-PCF901 seating and every copper or fiber connection.
- ☐ Restore power distribution, FTE cabling and configured topology.
- ☐ Review port, link, redundancy and Control Firewall diagnostics.
- ☐ Confirm supervised communication through every required path before release.

VERIFICATION RECORD

PRODUCT IDENTITY	DC-TCF901 51307593-176
INSTALLED POSITION	Documented Experion PKS Control Firewall position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify CC-PCF901 seating and every copper or fiber connection.
- ☐ Restore power distribution, FTE cabling and configured topology.
- ☐ Review port, link, redundancy and Control Firewall diagnostics.
- ☐ Confirm supervised communication through every required path before release.

SOURCE IDENTIFIERS

Honeywell Control Firewall User's Guide EPDOC-XX20 and Series C hardware guidance | Official Honeywell manufacturer publication