

INDUSTRIAL AUTOMATION PRODUCT

DC-TCF901 51307593-176

DC-TCF901 Control Firewall IOTA

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.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion PKS Control Firewall
Part number	DC-TCF901 51307593-176
Document status	Controlled product and system reference

DOCUMENT SCOPE

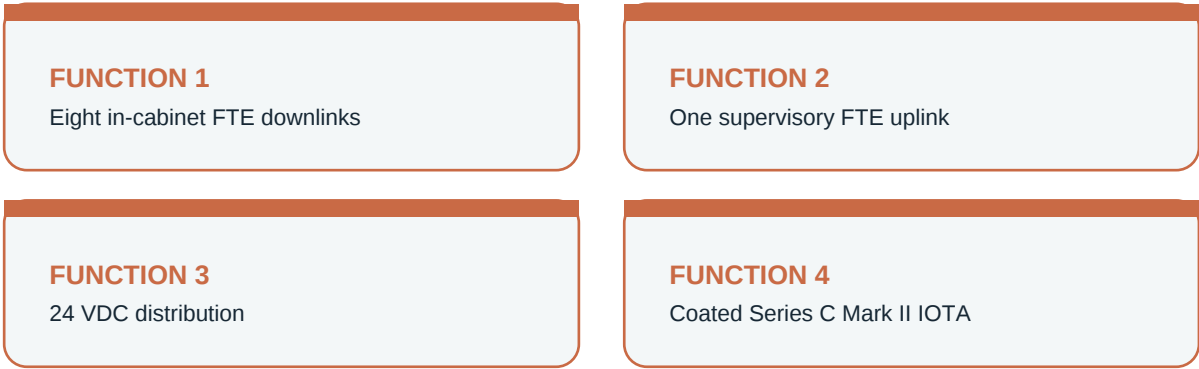
Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install DC-TCF901 51307593-176 only in the documented Experion PKS Control Firewall position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and termination, power distribution and FTE connection for a Series C Control Firewall before release.

System Role and Architecture

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.



RELATED APTER POWER PAGES		
1	Siemens 6SL3352-6TE33-8AA3	2
2	Siemens 6RY1803-1DA04	3
3	Siemens 6SL3120-2TE21-8AC0	4
4	Siemens 6SE7041-2WL84-1JC1	5
5	Siemens 6SL3352-6TG38-8AA3	6
6	Siemens 6SE7033-7EG84-1JF1	7
7	Siemens 6SE7035-1EJ84-1JC1	8
8	Siemens 6RY1803-0AA25-0AA1	9
9	Siemens 6SE7027-2TD84-6HF3	

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Experion PKS Control Firewall
02	Matched Experion PKS Control Firewall host and field interface
03	Documented power, signal, communication and grounding connections
04	Approved configuration, diagnostics and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Experion PKS Control Firewall
Interface role	termination, power distribution and FTE connection for a Series C Control Firewall
Field / power context	documented Experion PKS Control Firewall installed position
Commissioning evidence	Identity, wiring, configuration, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

- 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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

RELATED PRODUCT PAGES

1Siemens 6SL3352-6TE33-8AA3

2Siemens 6RY1803-1DA04

3Siemens 6SL3120-2TE21-8AC0

4Siemens 6SE7041-2WL84-1JC1

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7Siemens 6SE7035-1EJ84-1JC1

8Siemens 6RY1803-0AA25-0AA1

9Siemens 6SE7027-2TD84-6HF3

ENGINEERING BOUNDARY

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

PRE-INSTALLATION CHECKS

- 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.

Applications and Engineering Context

C300 control-network firewall

Terminates the installed Control Firewall in a Series C cabinet.

FTE cabinet segmentation

Provides approved downlinks and supervisory uplink connectivity.

Copper or fiber network path

Supports the documented media modules and cabling architecture.

Control Firewall replacement

Restores port mapping, power distribution and FTE diagnostics.

TECHNICAL NOTE

Install DC-TCF901 51307593-176 only in the documented Experion PKS Control Firewall position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and termination, power distribution and FTE connection for a Series C Control Firewall before release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	DC-TCF901 51307593-176 recorded
Host / carrier	Experion PKS Control Firewall
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6SL3352-6TE33-8AA3

View Siemens 6SL3352-6TE33-8AA3 page

2

Siemens 6RY1803-1DA04

View Siemens 6RY1803-1DA04 page

3

Siemens 6SL3120-2TE21-8AC0

View Siemens 6SL3120-2TE21-8AC0 page

4

Siemens 6SE7041-2WL84-1JC1

View Siemens 6SE7041-2WL84-1JC1 page

5

Siemens 6SL3352-6TG38-8AA3

View Siemens 6SL3352-6TG38-8AA3 page

6

Siemens 6SE7033-7EG84-1JF1

View Siemens 6SE7033-7EG84-1JF1 page

7

Siemens 6SE7035-1EJ84-1JC1

View Siemens 6SE7035-1EJ84-1JC1 page

8

Siemens 6RY1803-0AA25-0AA1

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9

Siemens 6SE7027-2TD84-6HF3

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MANUFACTURER SOURCE RECORD

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

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.