



EXPERION PKS
RELEASE 501

Control Firewall User's Guide

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CONTROL FIREWALL PLANNING AND DESIGN

This chapter contains the following topics.

- [General Planning References](#)
- [Identifying Control Firewall Components](#)

4.1 General Planning References

Please refer to the following documents for planning and design details for the Experion system in general and the Fault Tolerant Ethernet supervisory network. For the sake of brevity, this Guide does not repeat the applicable general guidelines, considerations, cautions, and so on that are covered in these other Guides.

- Control Hardware Planning Guide
- Server and Client Planning Guide
- Fault Tolerant Ethernet Overview and Implementation Guide

4.2 Identifying Control Firewall Components

The following table identifies the Control Firewall components that will be needed to provide a FTE interface with a Series C control system. The CC/DC prefix in a model number means the component's printed wiring boards are coated to provide additional protection from the environment and the CU prefix means the boards are uncoated.

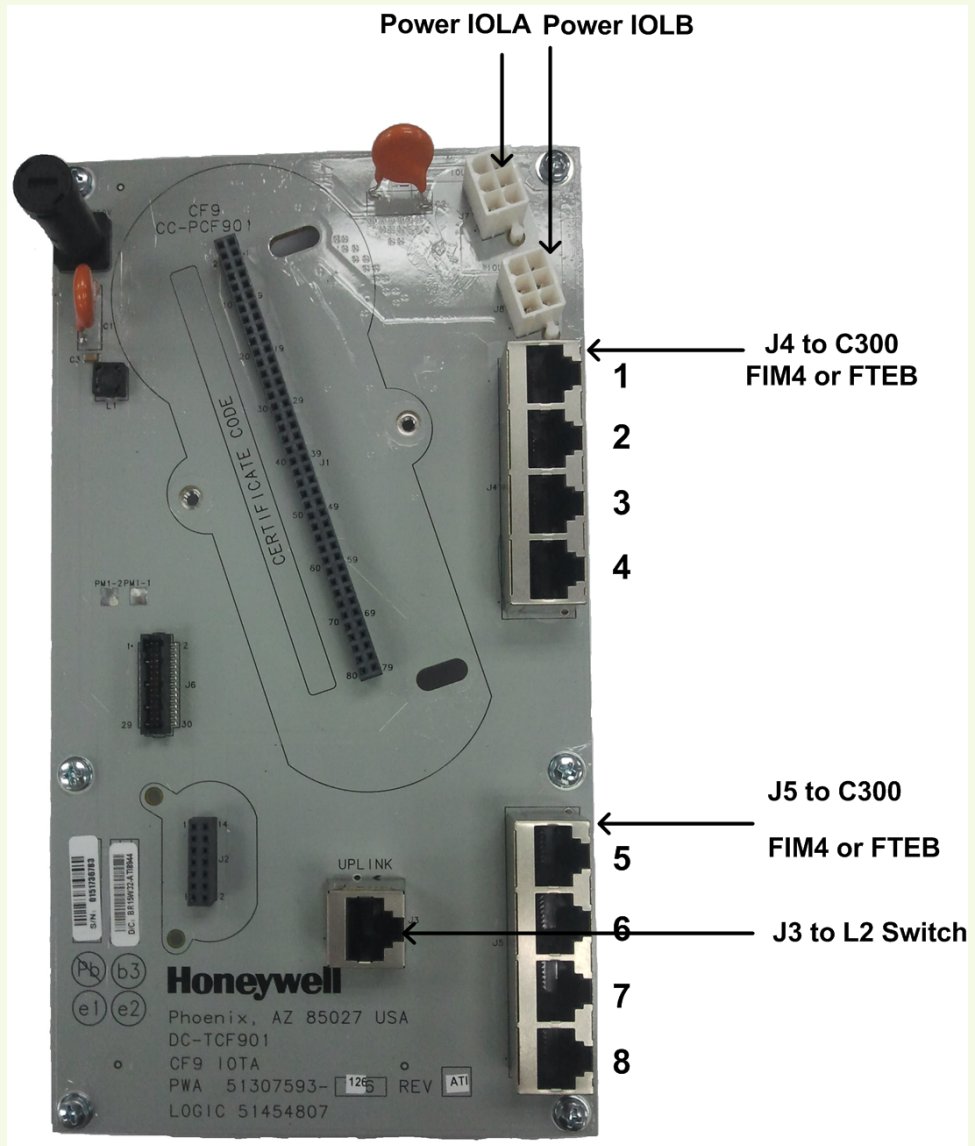
Component	Description	Honeywell Model Number
Control Firewall Module (CF9)	Module mounts on CF9 Input/Output Termination Assembly (IOTA).	CC-PCF901
CF9 Input/Output Termination Assembly (IOTA)	Provides physical connection to Control Firewall module and FTE cables. Mounts on carrier in Series C cabinet.	CC-TCF901
CF9 Input/Output Termination Assembly (IOTA) for Series C Mark II	Provides physical connection to Control Firewall module and FTE cables. Mounts on backplane in Series C Mark II cabinet.	DC-TCF901
<i>Horizontal 9 Port FTE Control Firewall Input Output Termination Assembly (IOTA)</i>	Provides connection for eight FTE cables from in-cabinet controllers. The 9th port provides an uplink to the FTE supervisory network.	CC-HCN911
Ethernet Cables	Please see Planning Your Series C Control System In Control Hardware Planning Guide for information about Ethernet cables.	
Single Mode Fiber Module	FTE Single-Mode Fiber Module that plugs into one	CC-

Component	Description	Honeywell Model Number
(SMFIO)	port of IOTA.	FSMX01
Multi-Mode Fiber Module (MMFIO)	FTE Multi-Mode Fiber Module that plugs into one port of IOTA.	CC-FMMX01

ATTENTION

A combined IOTA is introduced for C300 and CF9 modules for use with the UHIO in TDC Basic cabinet migrations. For more information about the UHIO IOTA, see *Series C I/O User's Guide*.

Figure 5.3 Typical Connector Locations on CF9 IOTA for Series C Mark II



5.3 Installing Control Firewall CC- PCF901

- [To install CF9](#)

5.3.1 To install CF9

The following caution is not applicable for Series C Mark II.