

CONTROL FIREWALL OVERVIEW

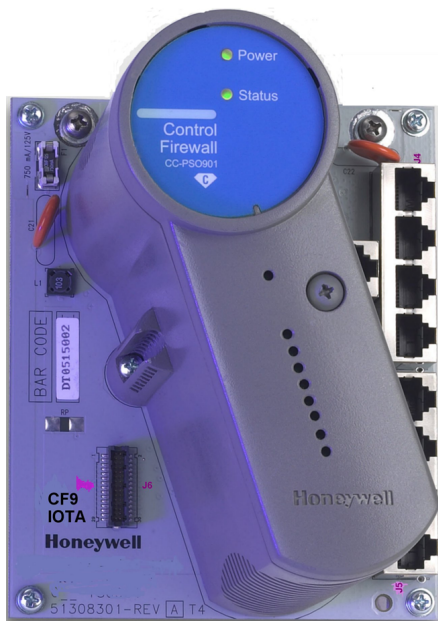
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3.1 About CF9

The nine-port, Control Firewall (CF9) serves as the Fault Tolerant Ethernet (FTE) communications center for a given Series C control network. It consists of a Control Firewall module that plugs into its associated CF9 input/output termination assembly (IOTA) as shown in the following figure.

Figure 3.1 Control Firewall (CF9) and IOTA

Control Firewall (CF9) with Series C IOTA



Control Firewall (CF9) with Series C Mark II IOTA



The CF9 provides eight ports for FTE connections to C300s and Series C FIMs within a Series C cabinet as well as FTE Bridge modules (FTEB) in a Series A Chassis I/O chassis. It has a ninth port for an uplink connection to the supervisory FTE network and level 2 control area. It provides network security by

- Rejecting all Ethernet messages not needed for control,
- Giving priority to traffic on downlink ports over ingress traffic on the uplink port, if the fabric becomes saturated, and
- Allowing only valid C300-compliant messages to pass on to the C300 domain.