

# CC-HCN911

## Horizontal C300 and Control Firewall IOTA Assembly

Horizontal C300 controller and Control Firewall termination

### PRODUCT SNAPSHOT

**BRAND**

Honeywell

**FAMILY**

Experion Series-C UHIO

**PART**

CC-HCN911

**ORIGIN / HS**

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## PRODUCT OVERVIEW

Horizontal C300 controller and Control Firewall termination

1

Mounts one C300 controller position

2

Mounts one nine-port Control Firewall position

3

Provides the horizontal UHIO termination arrangement

4

Uses coated printed-wiring construction

## SYSTEM COMPONENTS

C300 controller

CC-PCF901 nine-port Control Firewall

UHIO cabinet hardware

controller and FTE cabling

### TECHNICAL NOTE

Confirm horizontal cabinet compatibility, controller/firewall positions, mounting hardware and every power, I/O-link and FTE cable before installing CC-HCN911.

## TECHNICAL DATA

| PARAMETER     | VALUE                    |
|---------------|--------------------------|
| Assembly role | Horizontal C300/CF9 IOTA |
| Construction  | PWA; coated              |

| PARAMETER           | VALUE                   |
|---------------------|-------------------------|
| Controller position | C300                    |
| Firewall position   | 9-port Control Firewall |

### ENGINEERING NOTE

Confirm horizontal cabinet compatibility, controller/firewall positions, mounting hardware and every power, I/O-link and FTE cable before installing CC-HCN911.

### RELATED PRODUCTS ON APTER POWER

| MODEL                 | SYSTEM ROLE                           | APTER POWER PAGE                                |
|-----------------------|---------------------------------------|-------------------------------------------------|
| 6SL3352-6TE33-8AA3    | Related industrial automation product | <a href="#">View 6SL3352-6TE33-8AA3 page</a>    |
| 6RY1803-0DA04         | Related industrial automation product | <a href="#">View 6RY1803-0DA04 page</a>         |
| C98043-A7106-L4       | Related industrial automation product | <a href="#">View C98043-A7106-L4 page</a>       |
| 330180-90-CN          | Related industrial automation product | <a href="#">View 330180-90-CN page</a>          |
| 330106-05-30-10-02-00 | Related industrial automation product | <a href="#">View 330106-05-30-10-02-00 page</a> |
| 6RY1803-0DA03         | Related industrial automation product | <a href="#">View 6RY1803-0DA03 page</a>         |
| 330104-01-05-50-02-00 | Related industrial automation product | <a href="#">View 330104-01-05-50-02-00 page</a> |
| 330910-00-24-10-01-CN | Related industrial automation product | <a href="#">View 330910-00-24-10-01-CN page</a> |

# APPLICATIONS & PRECAUTIONS

## COMMON APPLICATIONS

### Horizontal C300 cabinet build

Mounts one C300 controller position

### UHIO controller/firewall service

Mounts one nine-port Control Firewall position

### C300 migration hardware

Provides the horizontal UHIO termination arrangement

### Horizontal IOTA renewal

Uses coated printed-wiring construction

## PRODUCT PRECAUTIONS

- 1 Verify the complete CC-HCN911 marking and its assigned horizontal C300/CF9 IOTA position before work.
- 2 Place the connected process and control strategy in the approved maintenance state.
- 3 Isolate the applicable cabinet supply and controller and FTE 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.
- 6 Confirm the installed C300 controller and CC-PCF901 firewall and carrier arrangement against the approved project.
- 7 Restore power in a controlled sequence and clear only diagnostics created by the maintenance activity.
- 8 Complete power, I/O-link and FTE cable verification and retain the measured result before returning the channel to automatic service.

# ENGINEER FAQ

## Q1 Does CC-HCN911 match C300 controller in a Horizontal C300 cabinet build installation?

Verify the complete CC-HCN911 marking, the documented Experion Series-C UHIO position and the installed C300 controller before fitting the assembly.

## Q2 How should CC-HCN911 be wired when it must mounts one c300 controller position?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for CC-HCN911; then continuity-test the affected path.

## Q3 Which Experion Series-C UHIO records should be captured before removing CC-HCN911?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with CC-HCN911 before disconnection.

## Q4 What controlled test confirms that CC-HCN911 can mounts one nine-port control firewall position?

Apply the approved field or simulated stimulus, observe the Experion Series-C UHIO indication and confirm the intended response without bypassing the normal interlocks.

## Q5 Which CC-PCF901 nine-port Control Firewall condition should be checked when CC-HCN911 reports an abnormal state?

Check the CC-PCF901 nine-port Control Firewall supply, seating and connection first, then compare channel diagnostics with the recorded CC-HCN911 baseline.

## Q6 Can CC-HCN911 be moved directly into UHIO controller/firewall service without validating controller and FTE cabling?

No. Confirm the controller and FTE cabling, revision, connection scheme and Experion Series-C UHIO configuration before transferring CC-HCN911 to that duty.

## Q7 What maintenance evidence is required after CC-HCN911 is used for C300 migration hardware?

Retain the nameplate record, corrective action, final diagnostics and a controlled c300 migration hardware functional-test result for CC-HCN911.

## Q8 How should CC-HCN911 be returned to service in Horizontal IOTA renewal?

Restore power under control, verify provides the horizontal uhio termination arrangement, exercise the intended signal path and release CC-HCN911 only after the Experion Series-C UHIO remains in its approved operating state.

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

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