

INDUSTRIAL AUTOMATION PRODUCT

CC-ZHR041

UHIO-2 C300 and Control Firewall Migration Kit

Redundant C300 control and FTE interface arrangement

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion Series-C UHIO-2
Part number	CC-ZHR041
Country	USA
HS code	8537101190

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Technical Specifications

Technical values below are limited to the named Honeywell product record.

PARAMETER	TECHNICAL VALUE
Assembly type	UHIO-2 migration kit
Controller arrangement	Redundant C300
Firewall arrangement	Redundant 9-port Control Firewall
Installed sets	Two C300/CF9 sets

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	two C300 controllers
Companion hardware	two nine-port Control Firewall modules
Field connection	horizontal IOTA/mounting hardware
Primary system function	Combines two C300/Control Firewall hardware sets
Controlled acceptance duty	Legacy cabinet C300 migration

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System Role and Architecture

Redundant C300 control and FTE interface arrangement

FUNCTION 1

Combines two C300/Control Firewall hardware sets

FUNCTION 2

Supports a redundant controller architecture

FUNCTION 3

Provides a horizontal migration mounting arrangement

FUNCTION 4

Retains the documented UHIO-2 cabinet interface

Matched system components

- two C300 controllers
- two nine-port Control Firewall modules
- horizontal IOTA/mounting hardware
- FTE and cabinet cabling

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	two C300 controllers
Companion hardware	two nine-port Control Firewall modules
Field connection	horizontal IOTA/mounting hardware
Primary system function	Combines two C300/Control Firewall hardware sets
Controlled acceptance duty	Legacy cabinet C300 migration

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Applications and Engineering Context

Legacy cabinet C300 migration

Combines two C300/Control Firewall hardware sets

Redundant controller modernization

Supports a redundant controller architecture

Horizontal I/O cabinet retrofit

Provides a horizontal migration mounting arrangement

C300/CF9 service assembly renewal

Retains the documented UHIO-2 cabinet interface

TECHNICAL NOTE

Confirm the complete CC-ZHR041 kit contents, horizontal mounting position, paired controller/firewall identities, FTE cabling and redundant node assignment before power-up.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	CC-ZHR041 / CC-ZHR041 recorded
Physical interface	two C300 controllers
Companion check	two nine-port Control Firewall modules
Functional proof	Combines two C300/Control Firewall hardware sets
Application test	Legacy cabinet C300 migration

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Engineering Precautions

- 1 Verify the complete CC-ZHR041 marking and its assigned UHIO-2 migration-kit 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 network 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
10014-1-1	Related industrial automation product	View 10014-1-1 page
10002-1-2	Related industrial automation product	View 10002-1-2 page
8C-TDODA1-51307149-175	Related industrial automation product	View 8C-TDODA1-51307149-175 page
900A16-0101	Related industrial automation product	View 900A16-0101 page
8C-PDODA1-51454472-175	Related industrial automation product	View 8C-PDODA1-51454472-175 page
621-9937C	Related industrial automation product	View 621-9937C page
621-9934C-563640	Related industrial automation product	View 621-9934C-563640 page
8C-PDOD51	Related industrial automation product	View 8C-PDOD51 page

MANUFACTURER SOURCE RECORD

Honeywell Series-C I/O User's Guide

EPDOC-X126-en-A

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