

CC-MCAR01

Vertical Carrier Channel Assembly

Honeywell CC-MCAR01 is a 3-foot vertical carrier-channel assembly that supports Series C hardware and distributes its 24 Vdc, common and shield buses.

PRODUCT SNAPSHOT

BRAND

Honeywell

FAMILY

Experion Series C

PART

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PRODUCT OVERVIEW

Honeywell CC-MCAR01 is a 3-foot vertical carrier-channel assembly that supports Series C hardware and distributes its 24 Vdc, common and shield buses.

1

Supports Series C carriers vertically

2

Distributes the 24 Vdc carrier bus

3

Provides common-bus continuity

4

Provides shield landing points

SYSTEM COMPONENTS

Series C carriers

24 Vdc cabinet feed

Common bus jumpers

Shield landing hardware

TECHNICAL DATA

PARAMETER	VALUE
Carrier length	3 ft; 1 m
Mounting orientation	Vertical
Power bus	24 Vdc

PARAMETER	VALUE
Included buses	Common bus; shield landing bus
Assembly type	Carrier channel

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TECHNICAL NOTE

Bond the channel to the cabinet, verify bus polarity and continuity, and maintain the documented carrier spacing before mounting modules.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Vertical Series C cabinets

Supports Series C carriers vertically

High-density I/O marshalling

Distributes the 24 Vdc carrier bus

Controller and I/O carrier rows

Provides common-bus continuity

Process-control cabinet expansion

Provides shield landing points

PRODUCT PRECAUTIONS

- 1 Verify the complete CC-MCAR01 marking and its assigned Experion Series C position before work.
- 2 Isolate the applicable power and field energy before disconnecting CC-MCAR01.
- 3 Protect CC-MCAR01 connectors and electronic assemblies with approved ESD controls.
- 4 Record the installed wiring, channel assignment and configuration before replacement.
- 5 Match Series C carriers and 24 Vdc cabinet feed to the documented system arrangement.
- 6 Commission CC-MCAR01 with controlled status, signal and diagnostic checks.
- 7 Retain the final vertical series c cabinets functional-test result in the maintenance record.

ENGINEER FAQ

Q1 Does CC-MCAR01 match Series C carriers in a Vertical Series C cabinets installation?

Verify the complete CC-MCAR01 marking, the documented Experion Series C position and the installed Series C carriers before fitting the assembly.

Q2 How should CC-MCAR01 be wired when it must supports series c carriers vertically?

Isolate the circuit, identify every terminal and reproduce the approved polarity, shield and channel assignment for CC-MCAR01; then continuity-test the affected path.

Q3 Which Experion Series C records should be captured before removing CC-MCAR01?

Record the as-found wiring, installed position, active configuration and diagnostic state associated with CC-MCAR01 before disconnection.

Q4 What controlled test confirms that CC-MCAR01 can distributes the 24 vdc carrier bus?

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

Q5 Which 24 Vdc cabinet feed condition should be checked when CC-MCAR01 reports an abnormal state?

Check the 24 Vdc cabinet feed supply, seating and connection first, then compare channel diagnostics with the recorded CC-MCAR01 baseline.

Q6 Can CC-MCAR01 be moved directly into High-density I/O marshalling without validating Shield landing hardware?

No. Confirm the Shield landing hardware, revision, connection scheme and Experion Series C configuration before transferring CC-MCAR01 to that duty.

Q7 What maintenance evidence is required after CC-MCAR01 is used for Controller and I/O carrier rows?

Retain the nameplate record, corrective action, final diagnostics and a controlled controller and i/o carrier rows functional-test result for CC-MCAR01.

Q8 How should CC-MCAR01 be returned to service in Process-control cabinet expansion?

Restore power under control, verify provides common-bus continuity, exercise the intended signal path and release CC-MCAR01 only after the Experion Series C remains in its approved operating state.

SOURCE Honeywell Experion Control Hardware Planning Guide | EP-DOC-X175

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