

INDUSTRIAL AUTOMATION PRODUCT

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.

IDENTITY	VERIFIED VALUE
Manufacturer	Honeywell
System family	Experion Series C
Part number	51403884-100
Country	USA
HS code	8537101190

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CC-MCAR01

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Carrier length	3 ft; 1 m
Mounting orientation	Vertical
Power bus	24 Vdc
Included buses	Common bus; shield landing bus
Assembly type	Carrier channel

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System Role and Architecture

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.

FUNCTION 1

Supports Series C carriers vertically

FUNCTION 2

Distributes the 24 Vdc carrier bus

FUNCTION 3

Provides common-bus continuity

FUNCTION 4

Provides shield landing points

Matched system components

- Series C carriers
- 24 Vdc cabinet feed
- Common bus jumpers
- Shield landing hardware

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Applications and Engineering Context

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

TECHNICAL NOTE

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

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Engineering 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.

MANUFACTURER SOURCE RECORD

Honeywell Experion Control Hardware Planning Guide

EP-DOC-X175

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