

INDUSTRIAL AUTOMATION PRODUCT

KJ4001X1-BA2 VE3051C0 12P1562X012

DeltaV M-series 2-Wide Power and Controller Carrier

Emerson KJ4001X1-BA2 VE3051C0 12P1562X012 is a DeltaV M-series two-wide power and controller carrier. The official VE code is VE3051C0; the supplied VE3051CO spelling is retained as an alias only.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Emerson
System family	DeltaV M-series Horizontal Carriers
Part number	KJ4001X1-BA2 VE3051C0 12P1562X012
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install KJ4001X1-BA2 VE3051C0 12P1562X012 only in the documented DeltaV M-series Horizontal Carriers arrangement. Preserve identity, keying, wiring and configuration, then verify diagnostics and mounting and interconnection of the matched DeltaV M-series power supply and controller under controlled conditions.

System Role and Architecture

Emerson KJ4001X1-BA2 VE3051C0 12P1562X012 is a DeltaV M-series two-wide power and controller carrier. The official VE code is VE3051C0; the supplied VE3051CO spelling is retained as an alias only.

FUNCTION 1
Two-wide carrier format

FUNCTION 2
Power-supply and controller positions

FUNCTION 3
Horizontal carrier expansion

FUNCTION 4
DeltaV M-series modular architecture

RELATED APTER POWER PAGES

1 Siemens 6SL3300-1AH32-5BA0

2 Siemens 6SE7041-8GK85-0LA0

3 Siemens 6SE7041-8EK85-1MA0

4 Siemens 6SE7037-0EJ84-1JC2

5 Siemens 6SE7036-1EE85-1HA0

6 Siemens C98043-A1682-L1

7 Siemens A5E36717803

8 Siemens A5E36717808

9 Siemens A5E00297630

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	DeltaV M-series Horizontal Carriers
02	Matched DeltaV M-series Horizontal Carriers carrier, host or field hardware
03	Documented power, signal, keyed termination and protective interfaces
04	Approved DeltaV configuration and acceptance record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	DeltaV M-series Horizontal Carriers
Interface role	mounting and interconnection of the matched DeltaV M-series power supply and controller
Field / power context	documented DeltaV M-series Horizontal Carriers installation
Commissioning evidence	Identity, keying, wiring, diagnostics and controlled response recorded

INSTALLATION AND CONNECTION CHECKS

1 Verify the complete KJ4001X1-BA2 VE3051C0 12P1562X012 identity and the documented DeltaV M-series 2-Wide Power and Controller Carrier

2 Place the connected process and DeltaV hardware in the approved maintenance state.

3 Isolate every documented power, signal and stored-energy source before disconnecting hardware.

4 Record the installed carrier position, keyed interfaces, terminals, conductors and active configuration.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Product designation	2-wide power and controller carrier	Carrier positions	Power supply and controller
Platform	DeltaV M-series	Mounting method	DIN-rail carrier subsystem
Current ordering code	VE3051C0	Expansion method	Horizontal carrier extender system
Legacy product type	KJ4001X1-BA2	Architecture	Modular M-series controller and I/O subsystem
Legacy part number	12P1562X012	Key installation requirement	Preserve controller, power and extender assignments

RELATED PRODUCT PAGES

1Siemens 6SL3300-1AH32-5BA0

2Siemens 6SE7041-8GK85-0LA0

3Siemens 6SE7041-8EK85-1MA0

4Siemens 6SE7037-0EJ84-1JC2

5Siemens 6SE7036-1EE85-1HA0

6Siemens C98043-A1682-L1

7Siemens A5E36717803

8Siemens A5E36717808

9Siemens A5E00297630

ENGINEERING BOUNDARY

Confirm KJ4001X1-BA2 VE3051C0 12P1562X012, its exact DeltaV M-series Horizontal Carriers host, installed position, keying, power, wiring, configuration and controlled acceptance evidence before release.

PRE-INSTALLATION CHECKS

- 1

Verify the complete KJ4001X1-BA2 VE3051C0 12P1562X012 identity and the documented DeltaV M-series 2-Wide Power and Controller
- 2

Place the connected process and DeltaV hardware in the approved maintenance state.
- 3

Isolate every documented power, signal and stored-energy source before disconnecting hardware.
- 4

Record the installed carrier position, keyed interfaces, terminals, conductors and active configuration.

Applications and Engineering Context

Controller mounting

Provides the assigned position for the documented DeltaV controller.

System-power mounting

Supports the matched DeltaV power-supply arrangement.

Horizontal carrier expansion

Connects to the approved carrier-extender topology.

Cabinet reconstruction

Restores carrier order, connectors and controller-power relationships.

TECHNICAL NOTE

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MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	KJ4001X1-BA2 VE3051C0 12P1562X012 recorded
Host / carrier	DeltaV M-series Horizontal Carriers
Physical interface	Installed terminals, conductors and signal paths matched to the as-found record
Configuration	Approved hardware and DeltaV configuration restored
Functional proof	Controlled test confirms mounting and interconnection of the matched DeltaV M-series power supply and controller

IMPORTANT NOTICE

Confirm KJ4001X1-BA2 VE3051C0 12P1562X012, its exact DeltaV M-series Horizontal Carriers host, installed position, keying, power, wiring, configuration and controlled acceptance evidence before release.

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

Siemens 6SL3300-1AH32-5BA0

View Siemens 6SL3300-1AH32-5BA0 page

2

Siemens 6SE7041-8GK85-0LA0

View Siemens 6SE7041-8GK85-0LA0 page

3

Siemens 6SE7041-8EK85-1MA0

View Siemens 6SE7041-8EK85-1MA0 page

4

Siemens 6SE7037-0EJ84-1JC2

View Siemens 6SE7037-0EJ84-1JC2 page

5

Siemens 6SE7036-1EE85-1HA0

View Siemens 6SE7036-1EE85-1HA0 page

6

Siemens C98043-A1682-L1

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Siemens A5E00297630

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MANUFACTURER SOURCE RECORD

Emerson DeltaV M-series I/O Subsystem Horizontal Carriers product data sheet | Manufacturer evidence verified 29 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.