

VE4027

Redundant M-Series Virtual I/O Module 2 Bundle

Product identification

Emerson VE4027 is the Redundant M-Series Virtual I/O Module 2 Bundle for DeltaV M-Series VIM2. It provides redundant high-speed Ethernet I/O integration through licensed Modbus TCP or EtherNet/IP drivers.

Parameter	Official value
Manufacturer	Emerson
Model	VE4027
Product Family	DeltaV M-Series VIM2
Product Type	Redundant M-Series Virtual I/O Module 2 Bundle

Technical information

Parameter	Official value
Supported Driver	Modbus TCP/IP Master
Supported Driver	EtherNet/IP Scanner
Supported Driver	ODVA EtherNet/IP
Bundle Contents	Two VIM2 modules
Redundancy Hardware	One redundancy link cable
Architecture	Redundant VIM2 pair
User Memory	48 MB per VIM2
Operating Temperature	-40 to 60 degrees C
Relative Humidity	5 to 95%, non-condensing

Applications

- Integrates Modbus TCP devices with a redundant DeltaV M-series node.
- Connects EtherNet/IP devices through the selected licensed VIM2 driver.
- Supports DeltaV Mimic simulation and commissioning workflows with the appropriate license.

Protocol Drivers

- Official documentation specifies supported driver as Modbus TCP/IP Master for this configuration.
- Official documentation specifies supported driver as EtherNet/IP Scanner for this configuration.
- Official documentation specifies supported driver as ODVA EtherNet/IP for this configuration.

Redundancy Bundle

- Official documentation specifies bundle contents as Two VIM2 modules for this configuration.
- Official documentation specifies redundancy hardware as One redundancy link cable for this configuration.
- Official documentation specifies architecture as Redundant VIM2 pair for this configuration.

Operating Conditions

- Official documentation specifies user memory as 48 MB per VIM2 for this configuration.
- Official documentation specifies operating temperature as -40 to 60 degrees C for this configuration.
- Official documentation specifies relative humidity as 5 to 95%, non-condensing for this configuration.

Selection and installation checks

- Select and license the required protocol driver.
- Install both vim2 modules with the supplied redundancy link cable.
- Verify carrier, controller, and network addressing.

Request a quotation
info@apterpower.com
+86 18106909650

Product reference
VE4027
Redundant M-Series Virtual I/O Module 2
Bundle



Manufacturer source

<https://www.emerson.com/is/content/emerson/en/systems-and-software/deltav-distributed-control-system-dcs/product-data-sheets/documents/m-series-virtual-io-module-2.pdf>