GE IC200MDD843

Complete Product Information

IC200MDD843 shares one compact carrier position between discrete sensing and isolated switching, with separate input and relay power connections defined by the field wiring diagram.

WHAT THIS PRODUCT DOES

GE IC200MDD843 combines ten grouped 24 VDC positive-logic inputs with six two-amp relay outputs in one VersaMax I/O module.

Product characteristic 1

Combines ten DC inputs and six relay outputs in one module.

Product characteristic 2

Provides two-amp switching capability at each relay point.

Product characteristic 3

Offers selectable input filtering for field-noise control.

Product characteristic 4

Maps a fixed ten-input and six-output image to the VersaMax backplane.

PRODUCT-PAGE TECHNICAL SNAPSHOT

System family	VersaMax I/O
Inputs	10 grouped 24 VDC positive logic
Outputs	6 relay outputs
Output rating	2 A per point

IMPORTANT NOTICE

Record the complete IC200MDD843 identity, terminal assignments and channel response before removal, then prove the restored function before release.

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Features and technical data

TECHNICAL DATA SHOWN ON THE PRODUCT PAGE

System family	VersaMax I/O
Inputs	10 grouped 24 VDC positive logic
Outputs	6 relay outputs
Output rating	2 A per point
Output group limit	8 A maximum
Input filter	0, 1 or 7 ms selectable
Backplane allocation	10 input bits and 6 output bits
Status indication	Point LEDs and OK LED

FEATURE INTERPRETATION

Product identity

Combines ten DC inputs and six relay outputs in one module.

System role

Provides two-amp switching capability at each relay point.

Service context

Offers selectable input filtering for field-noise control.

Return-to-service focus

Maps a fixed ten-input and six-output image to the VersaMax backplane.

SIGNAL OR CONTROL PATH

Discrete field points → **IC200MDD843** → **VersaMax backplane** → **Controller logic**

IC200MDD843 should remain matched to its documented rack position, field interface and controller configuration through replacement and commissioning.

PRODUCT-PAGE TECHNICAL QUESTIONS

How is GE IC200MDD843 divided between inputs and outputs?	IC200MDD843 provides ten grouped 24 VDC positive-logic inputs and six relay outputs.
What current can each GE IC200MDD843 relay output switch?	Each relay output is rated for up to 2 A within the documented voltage and load category limits.
Which group limit applies to GE IC200MDD843 outputs?	The six-output group is limited to a combined maximum of 8 A.

Common applications

The application groups below reproduce the model-specific uses presented on the product page and connect each use to a practical verification point.

Machine interlocking

Reads sensors and switches relay-controlled devices from one slot.

Panel consolidation

Reduces carrier positions for mixed discrete points.

Utility sequencing

Combines permissive inputs with isolated relay commands.

VersaMax spare replacement

Restores the documented mixed-module point map.

APPLICATION VERIFICATION MAP

Machine interlocking	Confirm the documented system position and the required operating function.
Panel consolidation	Compare the restored connection or control path with the approved record.
Utility sequencing	Check the physical interface and the retained configuration before startup.
VersaMax spare replacement	Record diagnostics and the final controlled response before release.

INFORMATION CARRIED INTO THE WORK RECORD

Identity record

Complete marking and assigned system position.

Connection record

Connector, conductor and interface arrangement as found.

Configuration record

Controlled settings, application data and option state.

Acceptance record

Observed status, response and release decision.

IMPORTANT NOTICE

Use the complete product identifier for every application review; a related product link does not establish interchangeability.

APPLICATION QUESTIONS

Which group limit applies to GE IC200MDD843 outputs?	The six-output group is limited to a combined maximum of 8 A.
How many PLC bits does GE IC200MDD843 use?	It consumes ten input bits and six output bits in the VersaMax I/O map.
Which input-filter settings are available for GE IC200MDD843?	The input filter can be configured for 0 ms, 1 ms or 7 ms.

Product precautions and questions

EIGHT MODEL-SPECIFIC PRECAUTIONS

01	Confirm IC200MDD843 and the carrier keying before insertion.
02	Isolate both 24 VDC input power and relay load sources.
03	Record all ten input and six output terminal assignments.
04	Observe the eight-amp relay-group limit when reviewing connected loads.
05	Apply suppression appropriate to every inductive load.
06	Restore commons and external relay power without cross-connection.
07	Exercise each input with the selected software filter active.
08	Test every relay point under controlled load and review the PLC image before release.

FREQUENTLY ASKED TECHNICAL QUESTIONS

How is GE IC200MDD843 divided between inputs and outputs?	IC200MDD843 provides ten grouped 24 VDC positive-logic inputs and six relay outputs.
What current can each GE IC200MDD843 relay output switch?	Each relay output is rated for up to 2 A within the documented voltage and load category limits.
Which group limit applies to GE IC200MDD843 outputs?	The six-output group is limited to a combined maximum of 8 A.
How many PLC bits does GE IC200MDD843 use?	It consumes ten input bits and six output bits in the VersaMax I/O map.

IMPORTANT NOTICE	Confirm the complete IC200MDD843 marking and every mating interface before installation.

RELEASE CHECKLIST

Identity accepted	The complete product marking and assigned system position agree.
Interfaces accepted	Connections, retention and controlled configuration match the recorded condition.
Response accepted	Diagnostics and the intended technical response have been documented.

FAQ, document reference and related models

ADDITIONAL TECHNICAL QUESTIONS

Which input-filter settings are available for GE IC200MDD843?	The input filter can be configured for 0 ms, 1 ms or 7 ms.
What do the LEDs on GE IC200MDD843 indicate?	Individual LEDs show point states and the OK LED indicates backplane power is present.
Why should inductive loads on GE IC200MDD843 use suppression?	Suppression limits relay-contact arcing and voltage transients when coils are switched.
What should be proven after installing GE IC200MDD843?	Exercise all ten inputs and six relays, confirm PLC mapping and verify load behavior under controlled conditions.

MANUFACTURER DOCUMENT REFERENCE

Manufacturer document	GE Fanuc VersaMax Modules, Power Supplies, and Carriers User's Manual GFK-1504K
Application scope	The values below apply to the identified product and its documented system relationship.
Selection rule	Use the complete ordering string and confirm the installed interfaces before selection.

RELATED MODELS ON APTERPOWER

GE IS200HSL AH2A	Related product reference. Review the complete ordering string before selection.
GE IC600SJR100	Related product reference. Compare the required interface and system position.
GE IC660HHM501	Related product reference. Confirm the execution independently for the intended task.

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