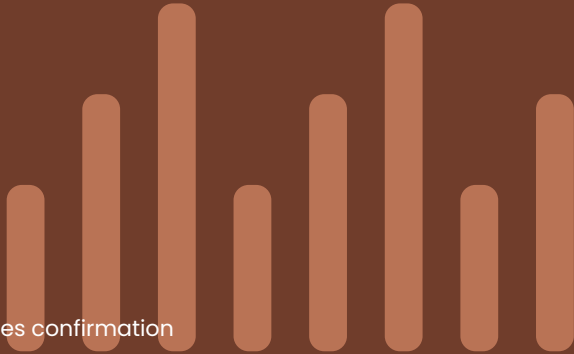


MANUFACTURER-SOURCE TECHNICAL REFERENCE

GE IC200UDR005-DJ

Product Reference

VersaMax 28-point Micro PLC; the requested -DJ suffix requires confirmation from the physical manufacturer nameplate

**DOCUMENT SCOPE**

Independent Apter Power manual compiled only from the cited GE / Emerson manufacturer sources. No product photograph is included.

Product / lookup identity	GE IC200UDR005-DJ
Reference number	IC200UDR005-DJ
Document basis	Published GE / Emerson product records, PDFs, and manuals listed on page 3

**Product page**

<https://www.apterpower.com/General-Electric/ic200udr005-dj>
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Product role and published parameters

WHAT IT IS, WHAT IT DOES, AND WHERE IT FITS

GE/Emerson IC200UDR005 is a 28-point VersaMax Micro programmable logic controller with an integrated CPU and I/O, powered from a 120/240 Vac source. It reads sixteen 24 Vdc positive- or negative-logic discrete signals from field devices such as pushbuttons, limit switches and electronic proximity switches; selected inputs also process high-speed counter pulses up to 10 kHz. The configured PLC program drives one...

Published field	Manufacturer-published value or verified identity note
Product type	VersaMax Micro 28-point programmable logic controller
Official base catalog number	IC200UDR005
Requested identifier	IC200UDR005-DJ; DJ suffix requires physical nameplate confirmation
Built-in discrete I/O	16 x 24 Vdc positive/negative-logic inputs; 1 x configurable 24 Vdc output; 11 x normally open Form A relay outputs
PLC input power	100 to 240 Vac nominal; published range 100 -15% to 240 +10% Vac
High-speed counters	Up to four Type A, or one Type A plus one Type B; 10 kHz maximum
Pulse train / PWM	Q1 only; up to 5 kHz

System function and signal path

01	Pushbuttons, limit switches, proximity switches and other compatible devices provide sixteen 24 Vdc positive- or negative-logic discrete signals to the controller.
02	Selected inputs can process direct pulse signals through up to four Type A high-speed counters, or one Type A and one Type B counter, at up to 10 kHz.
03	The VersaMax Micro CPU executes the configured control logic using its published 9K-word logic memory and 2K-word register storage.
04	Q1 supplies a configurable standard, counter, pulse-train or PWM output, while Q2-Q12 switch externally powered AC or DC relay loads.

Applications, answers, and official sources

1 Packaging-machine sequence and interlock control

2 Dispensing-machine control

3 Relay-logic replacement

4 Meter-proving and turbine-flowmeter pulse counting

Frequently asked questions

What is GE/Emerson IC200UDR005?	It is a 28-point VersaMax Micro PLC with an integrated CPU, sixteen 24 Vdc discrete inputs, one configurable 24 Vdc output and eleven normally open relay outputs.
Is IC200UDR005-DJ an officially verified catalog number?	The cited official Emerson data sheet and manual verify IC200UDR005 but do not define DJ. Confirm the complete IC200UDR005-DJ identifier on the exact unit's manufacturer nameplate before treating DJ as an official revision.
How many inputs and outputs are built in?	There are sixteen 24 Vdc positive/negative-logic inputs and twelve outputs: one configurable 24 Vdc Q1 output plus eleven normally open Form A relay outputs.
What power source operates the PLC?	It uses 100 to 240 Vac nominal input power. Emerson publishes a range of 100 -15% to 240 +10% Vac and a frequency of 50 -5% to 60 +5% Hz.
Which field signals can the inputs process?	The inputs accept 24 Vdc positive- or negative-logic discrete signals from compatible devices such as pushbuttons, limit switches and electronic proximity switches. Selected inputs can also process counter pulses up to 10 kHz.
Can Q1 generate a pulse-train or PWM output?	Yes. Q1 can operate as a standard, high-speed-counter, pulse-train or PWM output, with a published maximum pulse/PWM frequency of 5 kHz.

Official GE / Emerson sources

VersaMax Micro – Scalable Micro PLCs Data Sheet, 00813-0100-0113

<https://www.emerson.com/is/content/emerson/en/corporate/industries/shared-assets/documents/versa-max-micro.pdf>