

MANUFACTURER-SOURCE TECHNICAL REFERENCE

General Electric IC694MDL645D

Product Reference

General Electric IC694MDL645D Official-Source Product Reference

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited General Electric manufacturer sources. No product photograph is included.

Product / lookup identity	General Electric IC694MDL645D
Reference number	IC694MDL645D
Document basis	Published General Electric product records, PDFs, and manuals listed on page 3

**Product page**<https://www.apterpower.com/General-Electric/ic694mdl645d>**Apter Power contact**

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Product role and published parameters

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

General Electric IC694MDL645D is an evidence-bounded RX3i 24 VDC sixteen-point input module revision. System role: The verified base module provides sixteen 24 VDC discrete input points in PACSystems RX3i rack-based I/O. System context: General Electric IC694MDL645D Official-Source Product Reference.

Published field	Manufacturer-published value or verified identity note
Requested full label	IC694MDL645D
Verified base model	IC694MDL645
Inputs	16 point, positive/negative logic
Input timing	7 ms on; 7 ms off
Supply / input range	24 VDC; 20-30 VDC
On-state threshold	Above 11.5 V
Backplane current	80 mA at 5 VDC and 125 mA at 24 VDC

System function and signal path

- 01 System Inputs: The verified base module provides sixteen 24 VDC discrete input points in PACSystems RX3i rack-based I/O.
- 02 Processing: The official base listing states 7 ms on and 7 ms off, 20-30 VDC range, on above 11.5 V, and backplane consumption of 80 mA at 5 VDC plus 125 mA at 24 VDC.

Applications, answers, and official sources

1 Installed-base maintenance: Supports evidence-led identification and replacement planning for General Electric IC694MDL645D.

2 System documentation: Provides a source-traceable boundary for the documented host, I/O, communication or termination role.

3 Commissioning review: Guides identity, companion-hardware, wiring and controlled functional checks before return to service.

4 Migration assessment: Separates exact-model facts from suffix, sibling, predecessor, successor and family-level information.

Frequently asked questions

What is General Electric IC694MDL645D?	It is an evidence-bounded RX3i 24 VDC sixteen-point input module revision; this page is limited to the cited manufacturer-source boundary.
Is the exact identity verified?	Verified Ic694Mdl645 Base With Suffix D Gate.
What is its documented role?	The verified base module provides sixteen 24 VDC discrete input points in PACSystems RX3i rack-based I/O.
Are suffixes or related models automatic substitutes?	No. Revision suffixes, sibling models, predecessor and successor products must be verified separately.
Must the physical nameplate be checked?	Yes. Verify the full model, suffix, revision and every supplied order or drawing number.
Can family specifications be copied to this exact item?	No. Family context is not permission to publish unverified exact-item parameters.

Official General Electric sources

Emerson IC694MDL645 Product Page	https://discreteautomation.emerson.com/product/emerson-sku-ic694mdl645
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