Siemens 39SDM024DCCBN 16101-174R/12

Discrete I/O Module

APACS+ Standard Discrete 24 V module identified for discrete process-signal service; the 16101-174R/12 marking is preserved as supplied.

01	02	03	04
APACS+ module	Standard discrete function	24 V designation	Exact 16101-174R/12 marking retained

System position

24 V field states	Termination and commons	39SDM024DCCBN processing	APACS+ controller

Evidence boundary

Only verified exact-model facts and explicitly identified family context are included. Similar codes are not treated as substitutes.

02 / CAPABILITY MAP

Engineering domains and architecture

Manufacturer	Siemens / Moore
Base model	39SDM024DCCBN
Additional marking	16101-174R/12
Published designation	APACS+ Standard Discrete -24V

Direction/channel data	Not inferred from another suffix
Electrical limits	Verify from the exact assembly documentation

Interface architecture

APACS+ rack	Field termination	Channel commons	Status indication
Backplane and module-bus connection	24 V discrete circuits; verify exact point assignment	Confirm against the /12 assembly drawing	Interpret with the exact revision documentation

Use cases with controlled scope

Discrete Input Service	Discrete Output Service	Legacy DCS Repair	Migration Survey
Use only where the exact project identifies input points for this assembly.	Use only where the exact project identifies output points for this assembly.	Maintains the documented APACS+ discrete I/O position.	Captures point direction, commons and termination before modernization.

INTEGRATION CHECKPOINTS

Identity	Host system	Configuration	Acceptance
Siemens 39SDM024DCCBN 16101-174R/12 is preserved in full.	Rack, slot and surrounding hardware are verified.	Project, firmware and settings are recorded.	Functional evidence is captured before release.

System relationship

24 V field states	Termination and commons	39SDM024DCCBN processing	APACS+ controller

Decision matrix

Question	Answer
What is Siemens 39SDM024DCCBN 16101-174R/12?	It is identified in the APACS+ family as a Standard Discrete 24 V module; the supplied 16101-174R/12 marking is preserved.
How many channels does Siemens 39SDM024DCCBN 16101-174R/12 have?	The reviewed evidence does not establish the exact channel count for the R/12 assembly, so it must be read from its documentation or nameplate.
Can Siemens 39SDM024DCCBN 16101-174R/12 use /8 specifications?	No. A different suffix may represent a different assembly or revision.
What records are needed before replacing Siemens 39SDM024DCCBN 16101-174R/12?	Preserve the I/O database, loop drawings, point direction, commons, terminal assignment and rack slot.
How is Siemens 39SDM024DCCBN 16101-174R/12 commissioned?	Test each affected discrete point from field device through the APACS+ controller and record the result.

Eight release precautions

1 Keep the full 39SDM024DCCBN 16101-174R/12 identity.	**2** Photograph the nameplate and PCB revision.	**3** Archive the I/O database and loop drawings.	**4** Isolate rack and field power before removal.
5 Do not infer channel count or direction from /8, /10 or other suffixes.	**6** Verify each common, field supply and termination point.	**7** Inspect the rack connector and field terminal assembly.	**8** Test every affected discrete point before process release.

Product verification and support

Apter Power verification record

Model identity	Keep the complete Siemens model code and every suffix in purchasing, installation and acceptance records.
Verification boundary	Confirm the physical nameplate, installed position and revision-controlled project documents before field work.
Apter Power support	Use the contact details and Apter Power website links in this document for product and sourcing support.

Related Apter Power references	Scope note
Siemens 39SDM024DCCBN 16101-174/8	Portfolio reference only; verify compatibility independently.
Siemens 16101-174/10	Portfolio reference only; verify compatibility independently.

	Apter Power technical and sourcing support sales7@apterpower.com +86 180 3017 5807 www.apterpower.com Scan for the Apter Power contact page.	Model record Siemens 39SDM024DCCBN 16101-174R/12 Discrete I/O Module Verify the complete nameplate before installation.