

APTER POWER PRODUCT MANUAL

39MBXNAN 16180-1/14

APACS+ M-Net Module-Bus Interface Component with additional 16180-1/14 marking

The Siemens 39MBXNAN is identified by Siemens in the APACS+ / M-Net product context. Siemens identifies 39MBXNAN as an M-Net product component and published Industrial Ethernet Module replacement paths for module-bus and ACM communications. The additional 16180-1/14 marking is retained as part of this requested full identity, but its ordering or revision relationship is not established by the reviewed public Siemens documents.

In the installed system, it supports M-Net and module-bus communications associated with APACS+ controllers and handles network and module-bus data between the configured APACS+ controller and connected system components. Confirm whether the installed path requires module-bus, ACM-to-S7, or peer communications before selecting a replacement.

Manufacturer	Siemens
Prepared by	Apter Power
Document ID	AP-SIE-13-39MBXNAN-16180-1-14-PM-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Map the network role before changing the /14 assembly.

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SCAN FOR PRODUCT & QUOTE
39MBXNAN 16180-1/14

1. Product Overview and Identity

The Siemens 39MBXNAN is identified by Siemens in the APACS+ / M-Net product context. Siemens identifies 39MBXNAN as an M-Net product component and published Industrial Ethernet Module replacement paths for module-bus and ACM communications. The additional 16180-1/14 marking is retained as part of this requested full identity, but its ordering or revision relationship is not established by the reviewed public Siemens documents.

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Model Configuration

Field	Verified information
Complete model	39MBXNAN 16180-1/14
Manufacturer	Siemens
Product description	APACS+ M-Net Module-Bus Interface Component with additional 16180-1/14 marking

Key Features

- Exact 39MBXNAN 16180-1/14 identity retained
- Manufacturer-source data separated from unconfirmed values
- Siemens
- System context: APACS+ / M-Net
- Model-specific lifecycle and installation guidance

2. Technical Specifications

Only manufacturer-confirmed information is stated. Values absent from the named Siemens source are marked for nameplate or document verification.

Parameter	Verified value
Manufacturer	Siemens
Published base model	39MBXNAN
Published designation	APACS+ M-Net Module-Bus Interface Component
System	APACS+ / M-Net
Additional physical marking	16180-1/14; verify on the complete nameplate
Model-specific focus	M-Net communications path /14
Unpublished values	Not inferred from another revision or suffix

Verification Note

Use the complete 39MBXNAN 16180-1/14 identity. Siemens set product maturity in July 2005 and mature support end in July 2015 for 39MBXNAN, with replacement selections depending on the required communications path. The 16180-1/14 relationship still requires physical-nameplate confirmation. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- In the installed system, it supports M-Net and module-bus communications associated with APACS+ controllers and handles network and module-bus data between the configured APACS+ controller and connected system components. Confirm whether the installed path requires module-bus, ACM-to-S7, or peer communications before selecting a replacement.
- Maintains the documented APACS+ / M-Net system role for this exact identity.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
M-Net communications path /14	Confirm whether the installed path requires module-bus, ACM-to-S7, or peer communications before selecting a replacement.
Legacy DCS maintenance	Preserve both 39MBXNAN and 16180-1/14 in the service record.
Migration preparation	Capture configuration, drawings, and test evidence before redesigning the APACS+ / M-Net function.

Compatible Components

- The exact APACS+ / M-Net rack, backplane, and project recorded for the plant
- Firmware, connector, termination, and channel configuration verified for 39MBXNAN 16180-1/14
- Only field circuits or communications paths documented for the exact installed module

Lifecycle Status

Siemens set product maturity in July 2005 and mature support end in July 2015 for 39MBXNAN, with replacement selections depending on the required communications path. The 16180-1/14 relationship still requires physical-nameplate confirmation.

4. Installation Precautions

- Photograph the complete 39MBXNAN 16180-1/14 nameplate and PCB revision
- Archive the APACS+ / M-Net project and all affected channel or network records
- Do not infer electrical data from another 39MBXNAN assembly marking
- Verify rack, connector, firmware, and field circuit before insertion
- Complete a model-specific functional test before returning the process to service

STOP - Verify before installation

Use the complete 39MBXNAN 16180-1/14 identity. Siemens set product maturity in July 2005 and mature support end in July 2015 for 39MBXNAN, with replacement selections depending on the required communications path. The 16180-1/14 relationship still requires physical-nameplate confirmation. Values not published in the cited Siemens source are intentionally not inferred.

Use the physical nameplate and current Siemens documents as the controlling records.

5. Official Source and Use Notice

Official source

Siemens M-Net Product Maturity letter dated 29 July 2005, Appendix A, entry 39MBXNAN. Physical nameplate verification is required for the additional 16180-1/14 marking.

Apter Power product page

<https://www.apterpower.com/Siemens/39MBXNAN-16180-1-14>

Use Notice

This is an original Apter Power product-specific reference prepared from the Siemens source named above. It is not a Siemens publication and does not replace the original data sheet, nameplate, certificate, installation drawing, safety instructions, or machine-builder documentation.

ASK FOR QUOTE

For availability and quotation details, visit www.apterpower.com or contact sales13@apterpower.com.