



# Siemens 39MBXNAN 16180-1/14

## APACS+ M-Net and Module Bus Expander Configuration

### Product scope

- Identifies the APACS+ M-Net and Module Bus role of the base 39MBXNAN product.
- Separates Module Bus communication from controller peer-to-peer migration duties.
- Records the Siemens maturity and support-end dates without claiming current OEM supply.
- Preserves the complete 16180-1/14 stock label for replacement matching.

### Manufacturer source

Siemens M-Net and Related Products Product Maturity letter, July 2005.

The enclosed record retains only manufacturer-supported identity, function, operating principle, application and replacement boundaries for this product.

| Request a fast quote                                                                                                                                              | Product reference           |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------|
| Email: <a href="mailto:info@apterpower.com">info@apterpower.com</a><br>Phone: +86 18106909650<br><a href="http://apter.com/inquiry.php">apter.com/inquiry.php</a> | Siemens 39MBXNAN 16180-1/14 |                                                                                       |

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# Siemens 39MBXNAN 16180-1/14

APACS+ M-Net and Module Bus Expander Configuration

## Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

|                                |                                     |
|--------------------------------|-------------------------------------|
| Base product                   | 39MBXNAN                            |
| Existing full stock identifier | 39MBXNAN 16180-1/14                 |
| System context                 | Siemens APACS+ M-Net and Module Bus |
| Manufacturer maturity date     | July 2005                           |
| Mature-product support end     | July 2015                           |
| Documented migration family    | Industrial Ethernet Module (IEM)    |
| Module Bus migration option    | 6EQ20101AA005XX0 IEM                |
| Peer-to-peer migration option  | 6EQ20102AA005XX0 IEM                |

## Official references

- Siemens M-Net and Related Products Product Maturity letter, July 2005.
- Official source: [https://support.industry.siemens.com/cs/attachments/21915205/M-NetProductMaturityLtr\\_Fin.pdf](https://support.industry.siemens.com/cs/attachments/21915205/M-NetProductMaturityLtr_Fin.pdf)

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

## Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

### Function

The base 39MBXNAN product provides the M-Net and Module Bus communication role documented for APACS+ systems. The complete 16180-1/14 stock identifier is retained for physical and purchasing traceability.

### Operating principle

The module transfers controller and Module Bus traffic within the legacy M-Net architecture. Siemens separates Module Bus plus ACM-to-S7 communication from ACM/CCM peer-to-peer communication when describing the later IEM migration paths.

### Application

It is used in installed APACS+ cabinets that still depend on M-Net or Module Bus connectivity between controllers, I/O infrastructure and migration equipment.

### Lifecycle

Siemens placed 39MBXNAN into maturity in July 2005 and listed July 2015 as the end of mature-product support. The record therefore represents legacy installed-base hardware rather than a current production platform.

### Replacement boundary

The Siemens notice does not define the 16180-1/14 suffix or state that every IEM is a drop-in replacement. Preserve the full label and map the actual communications duty before selecting a migration device.



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