

APTER POWER PRODUCT MANUAL

6DP1616-8CA

TELEPERM XP IM 616 Legacy Interface Module

The Siemens 6DP1616-8CA is identified as an IM 616 interface-module article number in legacy TELEPERM XP installations. A complete exact-revision Siemens public data sheet was not located, so bus role, isolation, rates, and connector assignments are not stated as verified values here.

The module's actual communication path must be reconstructed from the rack drawing, cable tags, host-system project, and matching Siemens maintenance manual before replacement.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Trace the Interface Path Before You Move the Module.

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SCAN FOR PRODUCT & QUOTE
6DP1616-8CA

1. Product Overview and Identity

The Siemens 6DP1616-8CA is identified as an IM 616 interface-module article number in legacy TELEPERM XP installations. A complete exact-revision Siemens public data sheet was not located, so bus role, isolation, rates, and connector assignments are not stated as verified values here.

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Model Configuration

Field	Verified information
Complete model	6DP1616-8CA
Manufacturer	Siemens
Product description	TELEPERM XP IM 616 Legacy Interface Module

Key Features

- Exact 6DP1616-8CA identity retained
- Manufacturer-source data separated from unconfirmed values
- Siemens
- System context: TELEPERM XP
- 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
Module marking	IM 616
System context	TELEPERM XP legacy hardware
Exact MLFB	6DP1616-8CA
Bus and connector details	Verify from the exact Siemens module manual
Firmware and system assignment	Verify from the installed project

Verification Note

Use the complete 6DP1616-8CA identifier. 6DP1616-8CA is legacy TELEPERM XP hardware. Confirm the current service path with Siemens using the full nameplate and host-system identification. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The module's actual communication path must be reconstructed from the rack drawing, cable tags, host-system project, and matching Siemens maintenance manual before replacement.
- Maintains the documented TELEPERM XP system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Legacy DCS communications	Maintain a verified TELEPERM XP interface path.
Power-plant automation	Trace controller and subrack communications before service.
System migration	Capture the exact IM 616 revision and cable topology.

Compatible Components

- Only the TELEPERM XP subrack and communications architecture documented for 6DP1616-8CA
- Matching bus cable, connector, firmware, and project configuration
- No equivalence with 6DP1616-8AA is implied

Lifecycle Status

6DP1616-8CA is legacy TELEPERM XP hardware. Confirm the current service path with Siemens using the full nameplate and host-system identification.

4. Installation Precautions

- Label both ends of every communications cable
- Save the project and network configuration
- Verify slot, address, and termination settings
- Do not copy data from a different 6DP1616 suffix
- Commission communications before enabling process control

STOP - Verify before installation

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

5. Official Source and Use Notice

Official source

Siemens TELEPERM XP / SPPA-T2000 system documentation and the physical 6DP1616-8CA label; exact public module data was not located.

Apter Power product page

<https://www.apterpower.com/Siemens/6DP1616-8CA>

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.