

APTER POWER PRODUCT MANUAL

6EP1961-2BA21

SITOP PSE200U 10 A Four-Channel Selectivity Module

The Siemens 6EP1961-2BA21 is a SITOP PSE200U selectivity module with four independently monitored 24 V DC load circuits. It detects overloads or short circuits and disconnects affected branches so healthy control loads can remain supplied.

Installed downstream of a suitable SITOP power supply, it segments PLC, HMI, sensor, actuator, and communications loads and provides a common signaling contact for diagnostic integration.

Manufacturer	Siemens
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Document ID	AP-SIE-08-6EP1961-2BA21-PM-R1
Revision	R1
Issue date	2026-08-14

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Selective 24 V Protection Keeps Healthy Loads Online.

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6EP1961-2BA21

1. Product Overview and Identity

The Siemens 6EP1961-2BA21 is a SITOP PSE200U selectivity module with four independently monitored 24 V DC load circuits. It detects overloads or short circuits and disconnects affected branches so healthy control loads can remain supplied.

Installed downstream of a suitable SITOP power supply, it segments PLC, HMI, sensor, actuator, and communications loads and provides a common signaling contact for diagnostic integration.

Model Configuration

Field	Verified information
Complete model	6EP1961-2BA21
Manufacturer	Siemens
Product description	SITOP PSE200U 10 A Four-Channel Selectivity Module

Key Features

- Exact 6EP1961-2BA21 identity retained
- Manufacturer-source data separated from unconfirmed values
- 24 V DC, up to 40 A
- System context: SITOP
- 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
Input	24 V DC, up to 40 A
Outputs	4 x 24 V DC / 10 A
Adjustable threshold	3 to 10 A per channel
Signaling	Common signaling contact
Net weight	Approx. 0.220 kg
Lifecycle	PM300 active product

Verification Note

Use the complete 6EP1961-2BA21 identifier. Siemens lists 6EP1961-2BA21 as a PM300 active product. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Installed downstream of a suitable SITOP power supply, it segments PLC, HMI, sensor, actuator, and communications loads and provides a common signaling contact for diagnostic integration.
- Maintains the documented SITOP system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
PLC power distribution	Separate CPU, I/O, HMI, and field-load branches.
Machine availability	Isolate a faulty 24 V circuit without dropping every control load.
Panel diagnostics	Report channel status through the common signal contact.

Compatible Components

- 24 V DC SITOP power supplies sized for the connected load
- Four protected load branches within the channel limits
- PLC or signaling circuit connected according to the PSE200U manual

Lifecycle Status

Siemens lists 6EP1961-2BA21 as a PM300 active product.

4. Installation Precautions

- Size upstream supply and wiring for the total current
- Set each trip threshold to the verified load profile
- Observe conductor cross-section and terminal torque
- Test the signaling circuit after commissioning
- Do not exceed 10 A on any output channel

STOP - Verify before installation

Use the complete 6EP1961-2BA21 identifier. Siemens lists 6EP1961-2BA21 as a PM300 active product. 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 Industry Mall product record for 6EP1961-2BA21.

Apter Power product page

<https://www.apterpower.com/Siemens/6EP1961-2BA21>

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.

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