

APTER POWER PRODUCT MANUAL

6AV3627-1LK00-1AX0

SIMATIC HMI OP27 Key Operator Panel

The Siemens 6AV3627-1LK00-1AX0 is an OP27 key-operated operator panel for legacy SIMATIC HMI installations. It displays process and machine information and accepts operator entries through its membrane keyboard and programmable function keys.

The panel connects to the configured controller through its documented serial and fieldbus interfaces and serves as the local operating station for machines, skids, and production lines.

Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

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SCAN FOR PRODUCT & QUOTE
6AV3627-1LK00-1AX0

1. Product Overview and Identity

The Siemens 6AV3627-1LK00-1AX0 is an OP27 key-operated operator panel for legacy SIMATIC HMI installations. It displays process and machine information and accepts operator entries through its membrane keyboard and programmable function keys.

The panel connects to the configured controller through its documented serial and fieldbus interfaces and serves as the local operating station for machines, skids, and production lines.

Model Configuration

Field	Verified information
Complete model	6AV3627-1LK00-1AX0
Manufacturer	Siemens
Product description	SIMATIC HMI OP27 Key Operator Panel

Key Features

- Exact 6AV3627-1LK00-1AX0 identity retained
- Manufacturer-source data separated from unconfirmed values
- OP27 key operator panel
- System context: SIMATIC HMI
- 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
Panel	OP27 key operator panel
Programmable function keys	24; 18 with LEDs
Interfaces	1 TTY; 2 RS232; 1 RS422; 1 RS485
Maximum RS485 rate	12 Mbit/s
Typical power	8 W
Front protection	IP65
Rear protection	IP20
Operating temperature	0 to 50 degrees C when mounted vertically

Verification Note

Use the complete 6AV3627-1LK00-1AX0 identifier. OP27 belongs to the legacy SIMATIC HMI platform. Confirm current repair or migration options using the complete article number and HMI project. Values not published in the cited Siemens source are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- The panel connects to the configured controller through its documented serial and fieldbus interfaces and serves as the local operating station for machines, skids, and production lines.
- Maintains the documented SIMATIC HMI system role for this exact article number.
- Provides an exact reference for engineering, maintenance, and quotation review.

Application Areas

Application	System role
Machine operation	Display status and accept commands from dedicated keys.
Production-line stations	Present alarms, messages, and process values.
Legacy HMI replacement	Restore a verified OP27 installation without changing the control concept.

Compatible Components

- Controller protocol and cable specified in the original HMI project
- Cabinet cutout, connectors, and 24 V DC supply documented for the OP27
- Original project backup and compatible Siemens configuration software

Lifecycle Status

OP27 belongs to the legacy SIMATIC HMI platform. Confirm current repair or migration options using the complete article number and HMI project.

4. Installation Precautions

- Back up the HMI project before panel removal
- Label every serial and fieldbus cable
- Verify 24 V DC polarity and cabinet grounding
- Maintain the front-panel seal for IP65 performance
- Confirm protocol and project compatibility before startup

STOP - Verify before installation

Use the complete 6AV3627-1LK00-1AX0 identifier. OP27 belongs to the legacy SIMATIC HMI platform. Confirm current repair or migration options using the complete article number and HMI project. 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 technical data sheet for 6AV3627-1LK00-1AX0.

Apter Power product page

<https://www.apterpower.com/Siemens/6AV3627-1LK00-1AX0>

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.