

APTER POWER PRODUCT MANUAL

562-001

Siemens APOGEE Open Processor

562-001 is a Siemens APOGEE Open Processor used in Modular Building Controller (MBC) or Remote Building Controller (RBC) assemblies. It contains the main processor, memory, and communication functions needed by the controller and interfaces with its mounting, M-Bus, and C-Bus rails.

With the appropriate firmware and network configuration, it exchanges building-automation information over the supported APOGEE automation-level network architecture and executes controller functions for HVAC and facility systems.

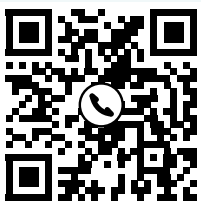
Manufacturer	Siemens
Prepared by	Apter Power
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APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Preserve the Database. Match the Rails. Restore Building Control.

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SCAN FOR PRODUCT & QUOTE

562-001

1. Product Overview and Identity

562-001 is a Siemens APOGEE Open Processor used in Modular Building Controller (MBC) or Remote Building Controller (RBC) assemblies. It contains the main processor, memory, and communication functions needed by the controller and interfaces with its mounting, M-Bus, and C-Bus rails.

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Model Configuration

Field	Verified information
Complete model	562-001
Manufacturer	Siemens
Product description	Siemens APOGEE Open Processor

Key Features

- Controller processing and memory in one assembly
- Designed for APOGEE MBC/RBC hardware
- Rail-based electrical and mechanical connection
- Network behavior controlled by installed firmware

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
Product line	APOGEE
Device type	Open Processor
Controller context	MBC or RBC
Integrated resources	Main processor, memory, and communications
Mechanical interfaces	Mounting rails, M-Bus rails, and C-Bus
Firmware-dependent network	P2 ALN; EALN use depends on firmware and system configuration

Verification Note

Use the complete 562-001 identifier. 562-001 is legacy APOGEE controller hardware. The reviewed installation instructions do not state a current lifecycle phase; confirm replacement and migration status with Siemens. Unpublished values are intentionally not inferred.

3. Functions, Applications and Components

Core Functions

- Executes building-control logic
- Stores controller programs and data
- Communicates with the supported automation-level network
- Coordinates connected controller I/O and system resources

Application Areas

Application	System role
Commercial HVAC	Supervise air-handling and plant controls
Building automation	Run MBC or RBC control strategies
Facility retrofit	Identify and maintain an installed APOGEE controller
Campus systems	Integrate controller data within the configured network

Compatible Components

- Siemens APOGEE MBC or RBC assembly specified by the installation manual
- Matching M-Bus and C-Bus rail arrangement
- Firmware and automation-level network documented for the site
- Existing field panels and I/O only after controller-project verification

Lifecycle Status

562-001 is legacy APOGEE controller hardware. The reviewed installation instructions do not state a current lifecycle phase; confirm replacement and migration status with Siemens.

4. Installation Precautions

- Record firmware and database before replacement
- Verify MBC/RBC assembly and rail alignment
- Observe ESD controls when handling the processor
- Confirm P2 ALN or EALN architecture before commissioning
- Restore only a compatible project backup

STOP - Verify before installation

Use the complete 562-001 identifier. 562-001 is legacy APOGEE controller hardware. The reviewed installation instructions do not state a current lifecycle phase; confirm replacement and migration status with Siemens. Unpublished values 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 Open Processor Installation Instructions, document 545-461-06 Rev. CA, for APOGEE Power Open Processor / Protocol 2 hardware.

Apter Power product page

<https://www.apterpower.com/Siemens/562-001>

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.