



549-214

APOGEE Analog Point Expansion Module, 4 AI / 4 AO, HOA-Ready

Product scope

- Combines four analog inputs and four analog outputs in one point expansion module.
- Connects through the MEC Expansion Bus or P1 FLN.
- Operates from 24 VAC and is prepared for the documented HOA upgrade kit.

Manufacturer source

Siemens Point Expansion Modules Installation Instructions, document 586-148-05, and APOGEE wiring guidance.

This web-optimized copy contains only verified information relevant to the stated ordering code.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	549-214	

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549-214 verified configuration

APOGEE Analog Point Expansion Module, 4 AI / 4 AO, HOA-Ready

Exact product identity

Siemens 549-214 is an APOGEE 24 VAC HOA-ready point expansion module with four analog inputs and four analog outputs for MEC Expansion Bus or P1 FLN systems.

Product classification

Manufacturer: Siemens

Product family: APOGEE Point Expansion Modules

Product type: Analog Point Expansion Module

Installation attention

549-214 is HOA-ready rather than supplied with HOA controls; confirm whether upgrade kit 549-520 is present before duplicating the installed assembly.

549-214 technical specifications

Verified product data · section 1 of 2

Parameter	Verified value
Product number	549-214
Product family	APOGEE Point Expansion Module
Module type	Analog Point Expansion
Analog inputs	4
Analog outputs	4
HOA provision	HOA-ready
Supply voltage	24 VAC
Supply frequency	50/60 Hz
Maximum power	20 VA
Expansion network	MEC Expansion Bus
Field-level network	FLN (P1)
Panel compatibility	APOGEE and pre-APOGEE panels with FLN

549-214 technical specifications

Verified product data · section 2 of 2

Parameter	Verified value
Sensor power per termination	24 VDC at 50 mA
Total sensor power	200 mA maximum
Analog sensor limit	Approved sensors below 25 mA from AI connection
HOA upgrade kit	549-520
Owner manual	125-2183
Installation document	586-148-05
Typical installation time	20 minutes
Mounting options	Surface, concrete or masonry

549-214 application and integration guide

APOGEE Point Expansion Modules

Applications

- Adds analog sensing and control points to an APOGEE Modular Equipment Controller.
- Extends legacy field panels through the P1 FLN where distributed analog points are required.
- Interfaces low-power sensors and analog actuators in building-automation air, water and plant systems.

Model-specific integration points

Analog I/O

- Four analog inputs accept the supported field-sensor circuits assigned by the controller database.
- Four analog outputs drive compatible modulating devices within the documented point-block limits.
- Approved low-current sensors can receive 24 VDC auxiliary power from the analog input terminations.

MEC Expansion

- The module connects to a compatible Modular Equipment Controller through the MEC Expansion Bus.
- It can also join the P1 FLN of an APOGEE or pre-APOGEE field panel equipped with FLN hardware.
- Point definitions and network addresses must match the controller database before operation.

Installation

- The point block uses a 24 VAC, 50/60 Hz supply with a 20 VA maximum rating.
- Surface and masonry mounting procedures require the specified fasteners and a level installation.
- Separate external power is required for sensors that exceed the analog-input auxiliary current allowance.

549-214 manufacturer source record

Siemens Point Expansion Modules Installation Instructions, document 586-148-05, and APOGEE wiring guidance.

Source used for verification

Siemens Point Expansion Modules Installation Instructions, document 586-148-05, and APOGEE wiring guidance.

Manufacturer document location

<https://sid.siemens.com/api/khub/documents/hliZGxcertdkprixzQmzPA/content>

Editorial scope

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