ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Siemens 549-211* at our website: ***Click HERE***

Point Expansion Modules



Figure 1. Point Expansion Modules.

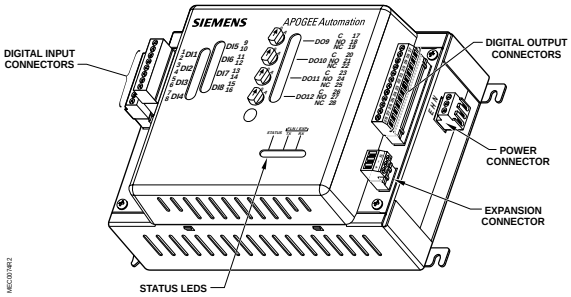


Figure 2. Digital Point Expansion Module (DPX).

Description

The Point Expansion Modules provide cost–effective methods for controlling and monitoring remote points. As an extension of the field panel, this capability expands the point capacity of the APOGEE® Automation System and provides for efficient placement of the point terminations close to the sensors and loads.

Features

- Compatible with the MEC Point Expansion Bus and any field panel Floor Level Network (FLN)
- Analog or digital points, which provide for point expansion capability to match the application requirements
- The terminal blocks are removable for easy termination and servicing of field wiring
- Optional Hand-Off-Auto (HOA) switches

Analog Point eXpansion module (APX):

Available in 8AI and 4AI/4AO models. Analog inputs are user selectable to be 0-10V, 4-20mA, or 1K RTD. Analog outputs are selectable to be 0-10V or 4-20mA.

Digital Point eXpansion module (DPX):

Available in 8DI/4DO and 4DI/4DO models. The digital inputs are dry contact with four of the inputs being pulse accumulator points. LEDs on the Digital Point Expansion modules indicate On/Off status for DI and DO points. The relayed digital output points support 110/220V Form C relays.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Specifications

A/D Resolution (analog in)	12 bits
Network Communication Speed	4800 bps to 38.4K bps
Voltage Requirements	19.2 Vac to 26.4 Vac @ 50/60 Hz
Power Consumption	
Analog Point Expansion module 8AI	17 VA @ 24 Vac
Analog Point Expansion module 4AI/4AO	14 VA @ 24 Vac
Digital Point Expansion module 8DI/4DO	20 VA @ 24 Vac
Digital Point Expansion module 4DI/4DO	17 VA @ 24 Vac
Enclosure Type	NEMA 1
Ambient Operating Environment	+32°F to +120°F (0°C to +49°C) 93% RH (Non-condensing)
Agency Listings	UL 864 UUKL, UDTZ, QVAX ULC-C100 UUKL7 UL 916 PAZX
Agency Compliance	FCC Compliance Australian EMC Framework European EMC Directive (CE) European Low Voltage Directive (LVD)
Dimensions:	6" H x 9.5" W x 3.75" D (152 mm x 241mm x 95mm)
Mounting Surface	Building Wall or Structural Member

Ordering Information

Point Expansion Modules

Description	Product Number
Analog Point Expansion, 8AI	549-209
Digital Point Expansion, 8DI/4DO HOA-ready	549-210
Digital Point Expansion, 8DI/4DO with HOA	549-211
Digital Point Expansion, 4DI, 4DO HOA-ready	549-212
Digital Point Expansion, 4DI, 4DO with HOA	549-213
Analog Point Expansion, 4AI, 4AO HOA-ready	549-214
Analog Point Expansion, 4AI, 4AO with HOA	549-215

HOA Upgrade-Kits

Description	Product Number
HOA Upgrade Kit for the MEC 8DI, 8DO, 8AI, 8AO	549-517
HOA Upgrade Kit for the Digital Point Expansion module 4DI, 4DO	549-518
HOA Upgrade Kit for the Digital Point Expansion module 8DI/4DO	549-519
HOA Upgrade Kit for the Analog Point Expansion module 4AI, 4AO	549-520

Information in this document is based on specifications believed correct at the time of publication. The right is reserved to make changes as design improvements are introduced. APOGEE is a registered trademark of Siemens Building Technologies, Inc. © 2002 Siemens Building Technologies, Inc.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP