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Data Sheet

August 13, 2026

SCHNEIDER ELECTRIC / TAC / ANDOVER CONTROLS

Schneider Electric / TAC / Andover Controls AC-1A Access Control I/O Module

The Schneider Electric / TAC / Andover Controls AC-1A is an Access Control I/O Module designed for access control systems. It provides input and output capabilities for controlling doors, monitoring sensors, and integrating with other security devices. This module enhances the functionality and scalability of access control solutions.

**MODEL****Schneider Electric
/ TAC / Andover
Controls AC-1A****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****AC-1A****LISTING****[https://aumictechlabs.c
om/products/ac-1a-2/](https://aumictechlabs.com/products/ac-1a-2/)**

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Schneider Electric AC-1A Access Control I/O Module is a compact DIN rail-mounted unit that provides complete input/output control for access-controlled doors and portals within Andover Continuum building management systems. It integrates Wiegand card reader inputs, supervised alarm monitoring, and dual relay outputs for lock control and local alarm annunciation, enabling either distributed localized control or centralized multi-module deployments. Technical Specifications Input Power: 10–28 VDC (extended range, compatible with local 12 VDC supplies) Reader Power Output: Switch-selectable 5V or 12V to match various card reader requirements Relay Outputs: Two 5A Form C relays with integral hand-off-auto switching and software feedback Card Reader Interface: Wiegand input supporting up to 64 bits per card (swipe and

proximity formats) Alarm Inputs: Up to three supervised inputs for door status contacts, request-to-exit sensors, tamper switches, or dual/triple-state alarm devices

Key Features

- Switch-selectable reader power supply accommodates 5V and 12V card readers
- Two independent 5A Form C relays - one dedicated to door lock control, one for alarm annunciation
- Hand-off-auto relay switching with real-time software position feedback
- Up to three supervised alarm inputs for flexible sensor integration
- Designed for natural convection cooling with no active thermal management required
- Optional NEMA 1-style Andover Continuum enclosure available

Typical Applications

- Localized access control at single or multiple doors; distributed I/O reducing wiring runs to central equipment; integration with request-to-exit and door status monitoring in access control systems

Compatibility & Integration

Fully compatible with Schneider Electric Andover Continuum platforms. Supports industry-standard Wiegand swipe and proximity card readers. DIN rail mounting enables multi-module configurations for expanded system capacity.

AC1A Characteristics / Specifications

PARAMETER	VALUE
Full I/O for one door	1 reader, 3 supervised inputs, 2 FormC outputs 10-28 Vdc input for local 12 V supplies and 12 V prox readers Onboard 5 V / 50 mA reader power 2 site codes in degrade mode Technical Specifications
Model	AC-1A
Manufacturer	Andover Controls / Schneider Electric
Instrument Type	Access control I/O module
Series	Continuum / Infinity AC-1 family
Alias	AC-1A; AC1A; Andover AC-1A
Doors	1 portal
Reader Input	1, Wiegand or proximity, combo or separate keypad
Reader Formats	Wiegand / Prox only (not mag stripe / ABA / Cardkey)
Supervised Inputs	3
Relay Outputs	2 FormC Relay Rating: 5 A at 24 Vac/dc
Override	local override and feedback on outputs
Input Power	10 to 28 Vdc
Module Power	2.0 W (83 mA at 24.0 Vdc) excluding attached devices
Catalog Power Alternate	2.6 W listed on some Continuum catalogue rows
Reader Power	5 V / 50 mA onboard
Reader Power 12 V	not switch-selectable on AC-1A (AC-1 is 5 V/12 V)
Site Codes Degrade	2
Communications	ACC-LON to NetController
Comm Physical	RS-485 or FTT-10A
Mounting	DIN rail; locate at door or grouped
Compared AC	24 Vdc input only; 5 V/12 V reader power switchable; 2.6 W
Compared AC1 Plus	mag stripe/ABA/Cardkey, 5 supervised inputs, 4 site codes, ADA extras
Agency UL 2	access control listing includes AC-1A

PARAMETER	VALUE
Agency UL 10	burglar alarm listing includes AC-1A
Agency EMC	FCC Part 15, ICES-003, EN55022, CE classApath on I/O module sheet
Reader Energy Example	24 V x 0.05 A = 1.20 W added for a 50 mA reader
CPU Host	Continuum NetController
Form	compact I/O module, one door Notes Specs from Andover Continuum I/O module documentation and product catalogue. Power is 2.0 W in the I/O System Reference table and 2.6 W in some catalogue rows; use the nameplate. Confirm RS-485 versus FTT-10A personality and reader voltage.

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Instrument Type	Access control I/O module
Specifications	
PARAMETER	VALUE
Series	Continuum / Infinity AC-1 family
Alias	AC-1A; AC1A; Andover AC-1A
Doors	1 portal
Specifications	
PARAMETER	VALUE
Reader Input	1, Wiegand or proximity, combo or separate keypad
Reader Formats	Wiegand / Prox only (not mag stripe / ABA / Cardkey)
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Specifications	
PARAMETER	VALUE
Relay Outputs	2 FormC Relay Rating: 5 A at 24 Vac/dc
Override	local override and feedback on outputs
Input Power	10 to 28 Vdc
Specifications	
PARAMETER	VALUE
Module Power	2.0 W (83 mA at 24.0 Vdc) excluding attached devices
Catalog Power Alternate	2.6 W listed on some Continuum catalogue rows
Reader Power	5 V / 50 mA onboard

Specifications

PARAMETER	VALUE
Reader Power 12 V	not switch-selectable on AC-1A (AC-1 is 5 V/12 V)
Site Codes Degrade	2
Communications	ACC-LON to NetController

Specifications

PARAMETER	VALUE
Comm Physical	RS-485 or FTT-10A
Mounting	DIN rail; locate at door or grouped
Compared AC1	24 Vdc input only; 5 V/12 V reader power switchable; 2.6 W

Specifications

PARAMETER	VALUE
Compared AC1 Plus	mag stripe/ABA/Cardkey, 5 supervised inputs, 4 site codes, ADA extras
Agency UL 294	access control listing includes AC-1A
Agency UL 1076	burglar alarm listing includes AC-1A

Specifications

PARAMETER	VALUE
Agency EMC	FCC Part 15, ICES-003, EN55022, CE classApath on I/O module sheet
Reader Energy Example	24 V x 0.05 A = 1.20 W added for a 50 mA reader
CPU Host	Continuum NetController

Form: compact I/O module, one door

Notes

Specs from Andover Continuum I/O module documentation and product catalogue. Power is 2.0 W in the I/O System Reference table and 2.6 W in some catalogue rows; use the nameplate. Confirm RS-485 versus FTT-10A personality and reader voltage.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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NIST-traceable calibration · SAM registered ·
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.