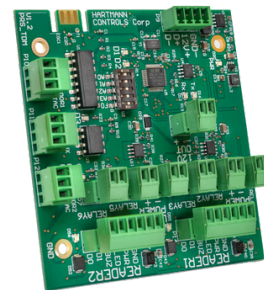


Aurora AAC-2504 Access Control Kit

2 Door EXPANTION MODULE

The Two Door Module is used to expand door/reader/input/output capacity on AAC-1001. Up to 3 can be added to a AAC-1001 for a total of 8 doors. Boards only with screws.

- ▶ DC Power
- ▶ Outputs
- ▶ Inputs
- ▶ Lock Power
- ▶ Ease of installation
- ▶ Communications
- ▶ 3-Years Warranty



SPECIFICATIONS

Enclosure

Dimensions 3.54" X 3.74".

Power Supply

1 x 12VDC input. Usually powered from AAC-2201.
Approx 1.25 A.

Communication

1 x RS485 used to communicate to AAC-2201 and/or Readers (use interconnect strips, included) Wire spec 600m Max Distance, 2 conductor stranded, twisted pair 22 AWG, shielded.

Inputs

- 6 X Fully configurable digital inputs. Supports supervised state with included 12 X 1k ohm resistors. Wire Spec 152m Max Distance, 2 Conductors stranded 22 AWG, shielded.
- 2 X Wiegand ports. Wire Spec 152m Max Distance, 6 Conductors stranded not twisted, 24 AWG, shielded.

STANDARD FEATURES

Outputs

- 2 X Lock power up to 12V @ 500mA. Wire Spec 152m Max Distance, 2 Conductors stranded 18 AWG.
- 4X Solid state relays up to 24V @ 1A.
- 1 X 12V out up to 12V @ 300mA. Wire spec 152m Max Distance, 2conductors stranded 22AWG.

Protection

Short protection on all power outputs. Over voltage protection on solid state relays. Overcurrent protection on lock outputs.

Certifications

UL 294/ ULC S319-05 listed, FCC

MISC

Photo-resistive tamper sensor. Dip switches used to address.

Software

Door controller is programmed and monitored from PN server software through the AAC-2201 which is included in the AAC-1003 kit. Software can be hosted by Hartmann Controls, security integrator or via local/remote Windows PC/server.

ADVANCE FEATURES

ADA Opener Sequencing

- Aux input, request to exit, door contact, motion sensor, monitored door contact.
- Configure time zone (schedule) detection time, holiday group, supervised, normally closed, associated door.

Alarm

- Supports key-switch level alarm integration via Input/Output.
- Will deny entry when alarm is armed to standard users. Can arm/disarm from reader.

Mantrap / Interlock

Can connect to other controllers via Input/Output to create mantraps without external relays/logic.

Anti-pass back

Global and local APB. Configurable to be timer or reader based. Can be customized to ignore certain users and reset at a specific time.

Custom Scripts/ Actions

Input, Output and Reader events can trigger server side scripts to easily meet regulatory requirements or other special circumstances/functions.

Custom local Action Panel

Customizable panel actions can be configured to occur when a specific card is presented to the reader, any user on granted access and on inputs. Panel actions include relay overrides/toggle/pulse, door overrides, input override, buzzer and alarm functions.