

Datasheet

ATRIUM/ A22-POE - Ultra controller/expander

Product description

The A22-POE is a 2-door and 2-reader expander part of the ATRIUM product range. The A22POE can power 2 magnetic locks over PoE and the system capacity is up to 500 doors and 10,000 users.

It also features an auto-detect function for easy installation and use.

The A22-POE is delivered and built in a metal case with tamper for increased security while providing ample room to make connections.




Key features

- 2 doors and 2 readers controller/expander
1 Door Read In/Out or 2 Doors Read In Only
- Area capacity management for social distancing
- 66 Watts PoE enabled
- Includes free software & free app
- Up to 500 doors and 10,000 users & cards

 Certification

 DEEE

 Certification

 -22°C to 50°C

All the information contained within this document (pictures, drawing, features, dimensions, specifications), could be perceptibly different and can be changed without prior notice. - February 2020 - CDVI_A22-POE_DS_03_EN_A4_C

Communication

On-board Ethernet:

A22-POE to A22-POE (max 50 IP-IP)

Bus: RS-485 A22POE (max 4 per A22POE)

Auto: detect hardware modules
(No DIP Switches)

Reader Support

26, 30 & 44 Bit Wiegand format

Track 2 ABA

Reader & Keypad (Card & PIN)

All CDVI Readers

3rd Party if compatible

128 bit Universal Input

Input Specifications

Reader Inputs/Ports: 2

Multi-purpose inputs: 6
(12 using zone doubling)

Output Specifications

Auxiliary outputs:

1A (12Vdc) Fuseless protection

Lock outputs: 2 x (750mA @ 12Vdc)

Relay outputs: 2 x Form C relays

(Dry Contact) 5A @ 250Vac,

7A @ 125Vac, 7A @ 30Vdc

PoE - Electrical Specifications

Ultra Power over Ethernet End-Span / Mid-Span PSE

IEEE 802.3at/af PoE standard compliant

Compatible with All IEEE 802.3at/af Powered Devices

Power input: 56Vdc

Power output: 24Vdc, 66 Watts

(over RJ-45 Ethernet cable)

Distance: up to 100 meters

Battery backup: One 12Vdc, 4.5Ah or 7Ah
gel type battery

