Datasheet

ATRIUM/ A22-POE - Ultra controller

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 capicity 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 expander
  *1 Door Read In/Out **or** 2 Doors Read In Only*

- Area capacity management for social distancing

- Built in PoE + 66 Watt Splitter

- Includes free software & free app

- Up to 500 doors and 10,000 users & cards

Certification

DEEE

RoHS *Certification*

-22°C to 50°C

Unit B1 Knaves Beech Business Centre,
Davies Way, Loudwater,
High Wycombe HP10 9QR

10 YEAR WARRANTY

technical@cdvi.co.uk
+44 (0) 1628 531300
www.cdvi.co.uk

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
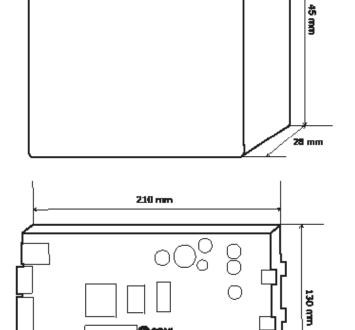   (12 using zone doubling)

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 support: 56Vdc, 50Watt PoE power output
Power split: 56Vdc power over RJ-45 Ethernet cable
   into 24V DC output
Distance: up to 100 meters
Battery backup: One 12Vdc, 4.5Ah or 7Ah
   gel type battery

105 mm

45 mm

28 mm

210 mm

130 mm

30 mm

95 mm

70 mm

26 mm

PoE+ Splitter
POES

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