



Eight Door Controller with Lock Power

A8P

Integrated power for all of the panels, readers and locks

Panel Features

- Equivalent to having two A2E4Ps in one can
- Contains two 4-door modules in one housing
- Each module can function as a “Server”, “Client” or “Elevator”
- Integrated 150-Watt power supply for complete system power
- Wedge - Open enclosure design provides easy access to wiring
- Lid removal disconnect pins for fast access to hardware
- Tie downs support dual sided strapping for wire management
- Cut Back Housing allows for wiring accessibility and easier to see your work
- Mounting bar has wiring tie down slots for wire management on both sides of bar
- ETL - UL 294
- 5 year hardware warranty

Lock Power

- Lock power located on left / right sides
- 5' IEC Cord Included
- 8 Auto Resetting Fused Outputs
- Isolated power for readers & controller
- Selectable 12 or 24 VDC per output
- LED status for voltage, power short and fire input triggered
- Fire Drop Input
- Power Supervision - log and action
- Battery Backup (batteries not included)
- Battery Backup for 12- and 24-volt outputs



Technical Specifications

Operating System	Embedded Linux
Transactions	>60 per second
Power Requirements	115VAC; standard wall plug in outlet
Operating Temperature	50 °F to 95 °F (10 °C to 35 °C)
Enclosure Size	14.75"(W) x 14.75"(H) x 7"(D)
Integrated Power Supply	150W - IEC Cord; controller, readers and 12V and 24VDC for door locks
Power Output Spec *Per Output (4 outputs per module, 8 total)	*12VDC 700mA, 24VDC 400mA
Battery Backup	Controllers, readers & door locks
Recommended Batteries	2 total (batteries not included)
RJ485 / Ethernet	Requires two (2) TCIP connections and IP addresses; 1 per module
Readers (Wiegand)	16 readers (1 in and 1 out reader for each door)
Reader Power	300mA @ 12V max per reader 100mA @ 12V max per door panel
Request to Exit (REX) Inputs	8 total (1 for each door)
Door Position (Status) Inputs	8 total (1 for each door)
Auxiliary Input	8 total (general purpose)
Tamper Input	Yes
Power Fault Monitoring	Yes
Door Lock Relays/Ratings	8 Form C relay- 24V @ 2.0A / 12V @ 4.0A
Auxiliary Relays/Ratings	8 Form C relay- 24V @ 2.0A / 12V @ 4.0A



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