

Strikelt1 Panic Device Power Controller

Description

Altronix Strikelt1 operates up to two (2) 24VDC panic hardware devices simultaneously. It is designed to handle the high current surge panic hardware locking devices demand. Each lock output has an adjustable relock delay timer. It controls a pair of doors simultaneously or independently control two individual doors. It has a follower relay for each output to trigger external relays, ADA push plate switches, etc. Delayed follower relays control automatic door operators for doors that are always locked or for doors that are unlocked during the business day. In addition, two un-switched auxiliary voltage outputs are provided for powering card readers, keypads, REX PIRs, electronic timers, relays, etc. A configurable FACP interface will either provide power or remove power to the lock outputs when activated. LED status indicators are provided to monitor AC power, FACP status and for lock output wiring supervision. Intelligent logic provides protection against accidental shorting of lock outputs.



Strikelt1
(order batteries separately)

Specifications

Input

Voltage	115VAC, 60Hz, 6.3A. Two (2) NO trigger inputs.
Fusing	Input fuse rating: 6.3A.

Outputs

Power options:

- Two (2) 20VDC to 26.4VDC individually controlled lock outputs for applications with battery back-up. 24VDC for applications without battery back-up (US applications only).
Current rating 15A for 300ms, 0.75A continuous supply current.
- 5V holding voltage with 20VDC to 26.4VDC initial 100ms pulse.
Maximum total 5V holding current of both outputs is 0.74A.

One (1) 20VDC to 26.4VDC for applications with battery back-up, 24VDC for applications in US not requiring battery back-up.
Auxiliary output rated @ 0.75A continuous supply current (Not affected by FACP trigger).

One (1) 12VDC filtered regulated auxiliary output rated @ 0.75A in alarm, 0.5A stand-by current (Not affected by FACP trigger).
Two (2) follower form "A" SPST relay outputs rated @ 0.6A/28VDC.
Relays energize while input is closed.

Two (2) delayed follower Normally Open relay outputs rated @ 0.6A/28VDC. Delay time is selectable 0.5 seconds or 1 second.
Energized duration is 1 second.

Trouble relay output indicating low DC output voltage.

Back-up Battery

Type	Sealed lead acid or gel type.
Failover	Upon AC loss, instantaneous.
When 7AH batteries are used, battery capacity for emergency stand-by is 30 minutes.	

Fire Alarm Disconnect

Normally Closed FACP trigger input.

Programmable Fire Alarm Disconnect options:

- Removes power to outputs and disables delayed follower relays.
- Connects power to lock outputs and enables delayed follower relays.

Indicators (LED)

AC Power (Green)	Input voltage is present.
Trigger Input (Red)	Panic device status/trouble.
FAI (Red)	FACP disconnect.
Battery (Red)	Low battery.

Agency Listings

UL	UL294 (Access Control System Units).
cUL	ULC-S319 - Access Control Unit Power Supply. Class 1.
CSFM	California State Fire Marshal Approved.

Physical and Environmental

Dimensions (H x W x D)

13.5" x 13" x 3.25" (342.9mm x 330.2mm x 82.6mm).
Enclosure accommodates up to two (2) 12VDC/7AH batteries.

Product Weight 6.25 lbs. (2.83 kg).

Shipping Weight 7.15 lbs. (3.24 kg).

Temperature

Operating 0°C to 49°C (32°F to 120°F).

Storage -20°C to 70°C (-4°F to 158°F).

Relative Humidity 85% +/-5%.

BTU/Hr. (approx.): 36 BTU/Hr.