

# **T1SFK38SD** (Kit)

## Access & Power Integration Solution for Swiftlane



Altronix T1SFK38SD kit consists of Trove1 enclosure, TSF1 Altronix/Swiftlane Controls backplane with one (1) 12VDC or 24VDC @ 6A power supply/charger 12VDC voltage regulator, eight (8) PTC protected output dual voltage power distribution module. This kit also accommodates one (1) Swiftlane Controls Door Controller 5 (SL-DCU-5) board. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T1SFK38SD

*Swiftlane boards are not included*

### Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates one (1) Swiftlane Controls Door Controller 5 (SL-DCU-5) board
- Convenient knockout configuration:
  - One (1) double knockout 1.948" (1-1/2" Conduit)
  - Nine (9) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit)
- 16 AWG galvanized steel backplane simplifies board layout and wire management
- Enclosure accommodates up to two (2) 12VDC/7AH batteries
- Supervision
  - AC Fail
  - Low Battery and Battery Presence
  - Low power shutdown
- Agency Listings:
  - All Altronix components of this Trove kit are UL Listed sub-assemblies. Please refer to the Sub-Assembly Installation Guides for further information
  - UL: UL294 - Access Control System
  - cUL: CAN/ULC - s319-05 - Electronic Access Control Systems
  - CE European Conformity
- Lifetime Warranty\*

*\*Altronix Power Supply/Chargers and Sub-Assemblies only*

### Accessories (order separately)



WM5

#### WM5, WM25, WM100 - Magnetic Cable Tie Mounts

Altronix WM5, WM25, and WM100 are packs of 5, 25 or 100 magnetic cable tie mounts respectively. They accommodate standard zip ties or velcro straps. These are ideal for wire management in our Trove series.



Mounting Magnet

#### MM4, MM8, MM12, MM24 - Magnetic Mounting Solution

Altronix mounting magnets accommodate screws and nylon standoffs to allow for mounting various boards/ accessories in any metal enclosure or backplane.

**Specifications**
**Power Supply (AL600ULXB):**
**Input**

Voltage	115VAC, 60Hz, 3.5A max.
Fusing	5A / 250V.

**Output**

Voltage	12VDC or 24VDC selectable
Current	6A @ 12VDC or 24VDC continuous max.
Other	Overvoltage protection Filtered and regulated

**Battery Backup**

Capacity	7AH/12VDC (Up to 2 within enclosure) 40AH/65AH (requires separate enclosure)
Type	Sealed lead acid or gel type
Failover	Upon AC loss, instantaneous

**Supervision**

AC Failure	Form "C" contacts
Battery	Form "C" contacts

**Indicators (LED)**

Input	115VAC is present
DC Output	Powered
Battery	Discharged or not connected

**Dual Input Power Distribution Module (PDS8CB)**
**Input**

Voltage	24VDC from AL600ULXB and 12VDC from VR6
Input PTC	9A

**Outputs**

Voltage	12VDC and/or 24VDC
Any of the eight (8) power outputs are selectable to follow power Input 1 or Input 2	
Individual outputs may be set to OFF position for servicing	

**Outputs Ratings**

PTCs	9A
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**Indicators (LED)**

DC Output	Eight (8) individual output LEDs
Green:	12VDC
Red:	24VDC

**Voltage Regulator (VR6):**
**Input**

Voltage	24VDC from AL600ULXB
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**Output**

Voltage	12VDC
Current	6A continuous
Other	Surge suppression

**Indicators (LED)**

Input	24VDC is present
Output	Powered

**T1SFK38SD Kit:**
**Agency Listings**

All components of this Trove kit are UL Listed sub-assemblies. Please refer to the corresponding Sub-Assembly Installation Guides for further information

CE European Conformity

**Physical and Environmental**
**Dimensions (H x W x D)**

Enclosure:	18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)
Shipping:	21.75" x 18.25" x 5.75" (552.5mm x 463.6mm x 146.1mm)

**Weight (approx.)**

Product	15.5 lb. (7.0 kg)
Shipping	19.5 lb. (8.9 kg)

**Temperature**

Operating	0°C to 49°C (32°F to 120°F)
Storage	- 20°C to 70°C (- 4°F to 158°F)

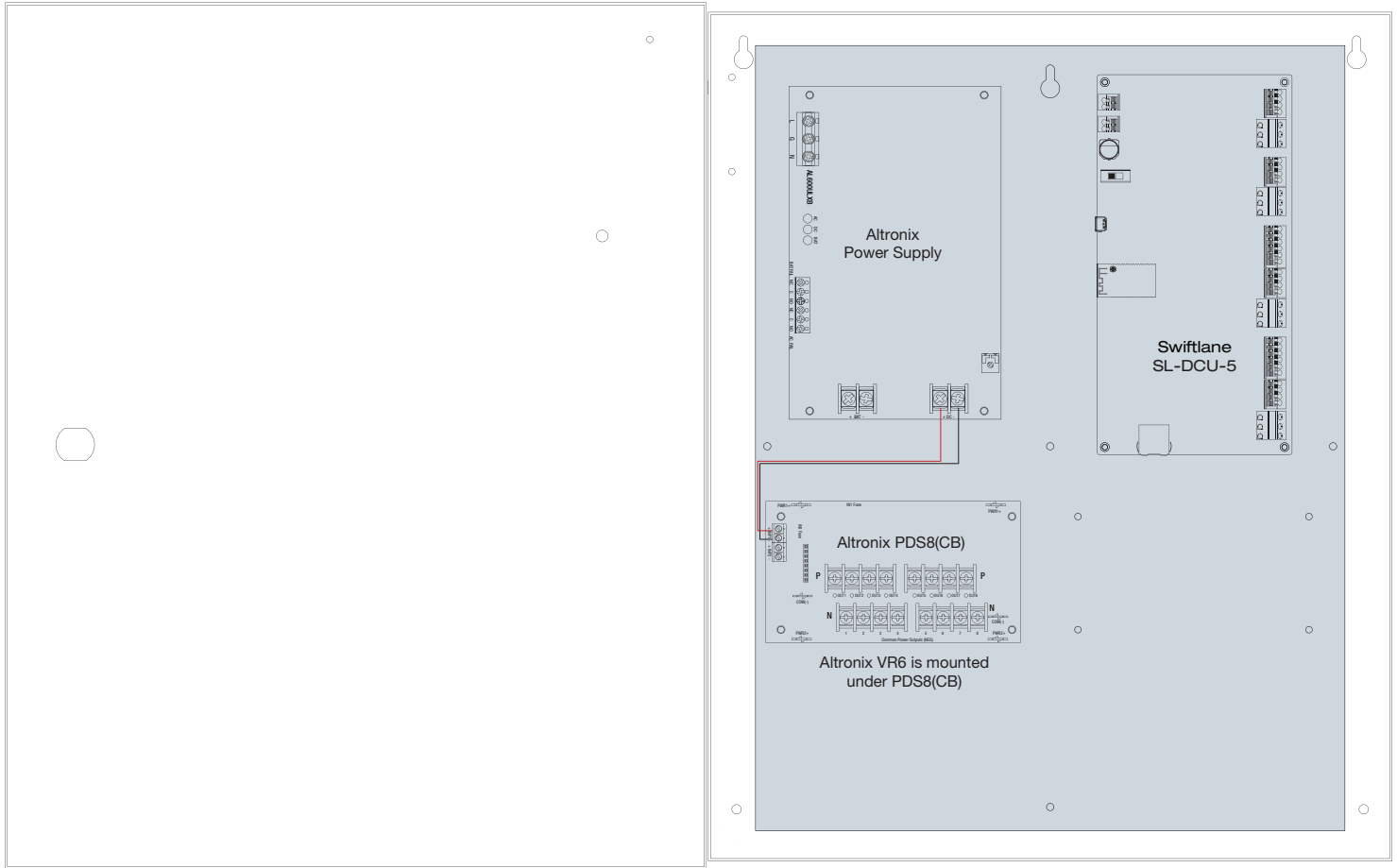
**Relative Humidity**

85% +/- 5%

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

12VDC:	40 BTU/Hr
24VDC:	77 BTU/Hr

**Access Controller Position Chart for Swiftlane Controls Door Controller 5 (SL-DCU-5):**





SWIFTLANE

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Altronix

TRIVE

### Dimensions and Drawing

Dimensions (H x W x D approximate)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118.0mm)

