

T1SFK3F4 (Kit)

Access & Power Integration Solution for Swiftlane



Altronix T1SFK3F4 kit consists of Trove1 enclosure, TSF1 Altronix/Swiftlane Controls backplane with one (1) 12VDC or 24VDC @ 6A power supply/charger and one (1) fused access power controller. This kit also accommodates two (2) Swiftlane Controls Door Controller 5 (SL-DCU-5) boards. Trove simplifies board layout and wire management, reduces installation time and labor costs.



T1SFK3F4

Swiftlane boards are not included

Key Features

- 12VDC or 24VDC power supply/charger
- Accommodates two (2) Swiftlane Controls Door Controller 5 (SL-DCU-5) boards
- 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 gauge 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)



LINQ2

LINQ2 - Network Supervision

Altronix LINQ2 Network Communication Module provides remote supervision, control and monitoring over LAN/WAN

- Remotely reports accurate power diagnostics
- Controls power and resets devices
- Reports system diagnostics via Email



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 (eFlow6NB):
Input

Voltage	120VAC, 60Hz
Input Fuse	5A/250V

Output

Voltage	24VDC
Current	6A continuous
Other	Overvoltage protection Filtered and regulated

Battery Charging

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

Supervision

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

Low DC Power Shutdown

Shuts down DC output terminals if battery voltage drops below 70-75% for 24V units (depending on the power supply)
Prevents deep battery discharge

Indicators (LED)

Input	120VAC is present
DC Output	Powered
Battery	Discharged or not connected

Access Power Controller (ACM4):
Input

Voltage	12VDC or 24VDC from eFlow6NB
Input Fuse	10A/32V

Outputs

Voltage	24VDC
Four (4) independently controlled fused outputs:	
a) Four (4) Fail-Safe and/or Fail-Secure power outputs	
b) Four (4) dry form "C" 5A rated relay outputs.	
c) Any combination of the above	
Four (4) auxiliary power outputs (unswitched)	

Output Fuses	3A/32V
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Indicators (LED)

Red LEDs	Outputs are triggered (relays energized)
Green LED	FACP disconnect is triggered

T1SFK3F4 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
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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)

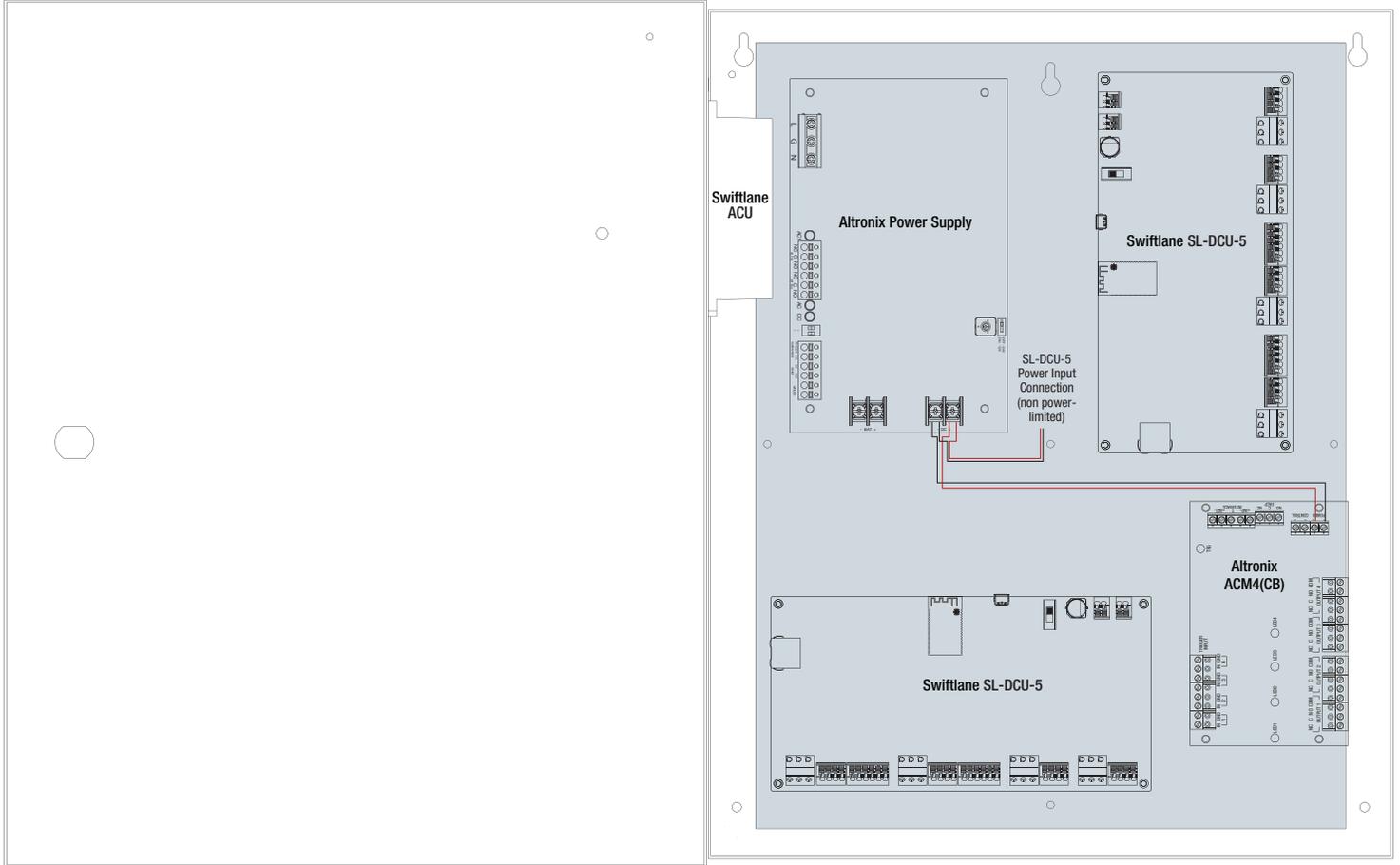
Temperature

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%
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BTU/Hr (approx.):	12VDC: 40 BTU/Hr 24VDC: 77 BTU/Hr
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Access Controller Position Chart for Swiftlane Controls Door Controller 5 (SL-DCU-5):



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)

