

T1SFKT4 (Kit)

Access & Power Integration Solution for Swiftlane



Altronix T1SFKT4 kit consists of Trove1 enclosure, TSF1 Altronix/Swiftlane backplane with one (1) Tango1B PoE Driven Power Supply and one (1) fused dual output power distribution board. 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.



T1SFKT4

Swiftlane boards are not included

Key Features

- Utilizes Hi-PoE (802.3bt) to simultaneously deliver 12VDC & 24VDC for powering access control and security devices
- 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 Lithium Iron Phosphate (LiFePO₄) batteries
- Supervision
 - Loss of PoE
 - Battery Supervision
- 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)



NetWay4BT

NetWayBT Series - 802.3BT 4PPoE Midspan Injectors

Altronix NetWayBT Series Midspan Injectors provide 802.3bt (90W) power and pass data for PoE compliant devices. PoE device may be located up to 100m from the unit.



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

PoE Driven Power Supply/Charger (Tango1B):

Ethernet Input

802.3bt PoE up to 90W (or 802.3at up to 30W or 802.3af up to 15W)

Power Output (when using 802.3bt 90W)

12VDC up to 5.4A (65W) and/or 24VDC up to 2.7A (65W)
Combined output not to exceed 65W

When charging batteries:

12VDC up to 4.6A (55W) and/or 24VDC up to 2.3A (55W)
Combined output not to exceed 55W

Ethernet Output

Pass-through Ethernet Port (data only)

Battery Charging

Capacity One (1) LiFePO₄ battery within enclosure
Type LiFePO₄ (lithium iron phosphate)
Failover Upon AC loss, instantaneous
Unique technology allows for single battery to backup
12VDC and/or 24VDC systems
Batteries are sold separately

Supervision

Loss of PoE Input
Battery Supervision

Indicators (LED)

Input	Indicates input voltage is present
Output	Indicates normal operating condition
PoE Type	PoE Class Indicator
Supervision	PoE Fail or BAT Fail

Dual Input Power Distribution Module (PDS8):

Inputs

Voltage	12VDC and 24VDC from Tango1B
Input Fuses	10A/32V

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	
Output Fuses	3A/32V

Indicators (LED)

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

T1SFKT4 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%
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BTU/Hr (approx.):	54 BTU/Hr.
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SWIFTLANE

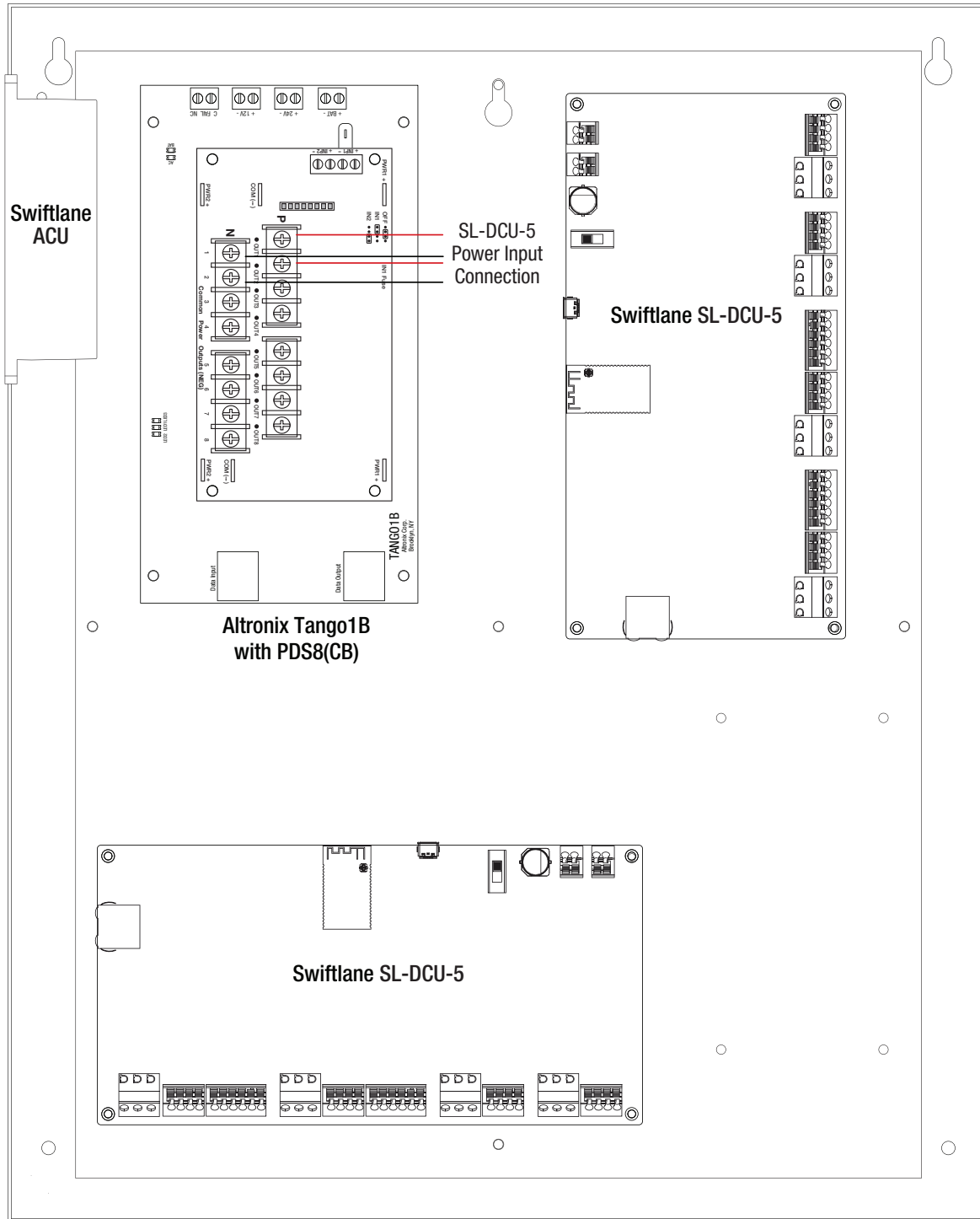
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Access Controller Position Chart for Swiftlane Controls Door Controller 5 (SL-DCU-5):





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Dimensions and Drawing

Dimensions (H x W x D approximate)

18" x 14.5" x 4.62" (457.2mm x 368.3mm x 118mm)

