TROVE

Access & Power Integration Solution

Description

Altronix T2SAK7F8 kit consists of Trove2 enclosure, TSA2 Salto/Altronix backplane with one (1) 24VDC @ 10A power supply/charger, one (1) fused access power controller, one (1) voltage regulator and one (1) dual input fused power distribution module.

This kit also accommodates up to four (4) Salto CU42E0, CU4200 or CU4EB8 modules for up to eight (8) doors in a single enclosure. Trove simplifies board layout and wire management, reduces installation time and labor costs.



Altronix®

T2SAK7F8

Key Features	12341/10
 24VDC power supply/charger. Accommodates up to four (4) Salto CU42E0, CU4200 or CU4EB8 modules. Convenient knockout configuration: One (1) single knockout 2.415" (2" Conduit). Sixteen (16) double knockouts 1.362" (1" Conduit) / 1.115" (3/4" Conduit). 16 AWG galvanized steel backplane simplifies board layout and wire management. Supervision AC Fail 	 Supervision (cont'd) 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. Enclosure accommodates up to four (4) 12VDC/12AH batteries. Lifetime Warranty*.

SALIC

inspired**access**

*Altronix Power Supply/Chargers and Sub-Assemblies only

Accessories (order separately)



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

LINQ2



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.



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.

TROVE T2SAK7F8



T2SAK7F8 Access & Power Integration Solution

– Specifications ————

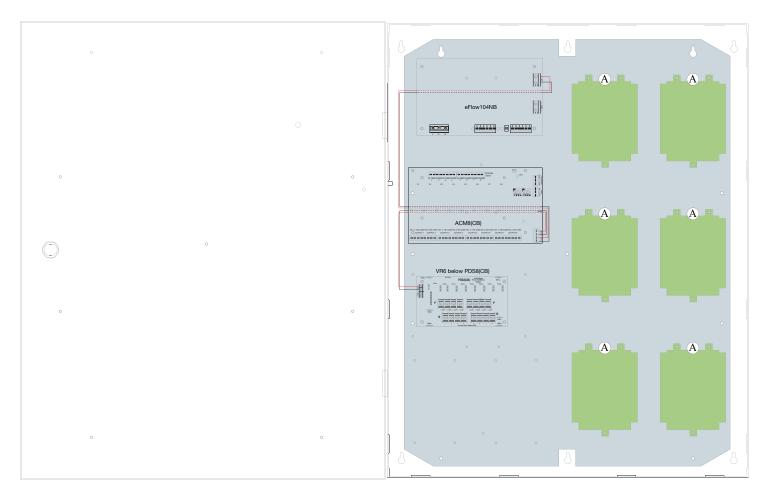
Voltage Regulator (VR6): Input Voltage 20VAC, 60Hz, 4.5A max. Input Fuse 6.5A/250V. Outputs Output Current 10A continuous. Outputs Auxiliary Class 2 power-limited @ 1A (unswitched). Other Surge suppression. Other Overoltage protection. Filtered and regulated. Input 24VDC from eFlow 104NB. Type Select lead acid or get type. Carrent 6A continuous. Fuse Rating 10A/32VIC. Input 24VDC from eFlow 104NB. Supervised Latching or non-latching. Eocl 10A/22VIC. Failover Form 1°C contacts. Input Fuse 10A/226V. Supervision Craiture Form 1°C contacts. Input Fuse 10A/226V. Sub cown DC obqut terminals if battery voltage drops below 70-75% to 24V units. Provents deep battery discharge. 10A/260V. Eight (8) independently controlled fused outputs: Input 120V/C from VR6 and 24VDC from eFlow104NB. Input Fuses 35/4250V. Indicators (LED) Input Fuses 35/4250V. Indicators (LED) Input 120V/C from VR6 and 24VD	- Specifications)		
Voltage 120VAC, 60Hz, 4.5A max. Voltage 24VDC from eFlow104NB. Input Fuse 6.5A/250V. Output Voltage 24VDC. Current 6A continuous. Auxiliary Class 2 power-limited @ 1A (unswitched). Other Surge suppression. Other Overvoltage protection. Filtered and regulated. Indicators (LED) Battery Backup (nd include) Supervised Latching or non-latching. EOL 10K Resistor. Voltage 24VDC. Supervised Latching or non-latching. 24VDC from eFlow104NB. EOL 10K Resistor. Voltage 24VDC. Supervised Latching or non-latching. 24VDC Eight (B) independentity controlled fused outputs: Battery Form "C" contacts. Battery Form "C" contacts. Battery Form "C" contacts. Eol 120VAC is present. DC Output 120VAC is present. Output Fuses 3.5A/250V. Indicators (LED) Individance of the alloy are triggered (relays energized). Input Fuse 120VC from VR6 and 24V0C from eFlow104NB. Input Fuse 120VAC is present. DC Output 120VAC is present. DC Output 120VAC is present. DC Voltage 124VDC from VR6 and 24VDC from eFlow104NB. </th <th colspan="2">Power Supply (eFlow104NB):</th> <th colspan="2">Voltage Regulator (VR6):</th>	Power Supply (eFlow104NB):		Voltage Regulator (VR6):	
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Outputs Voltage 24VDC. Current 6A continuous. Current 6A continuous. Auxiliary Class 2 power-limited @ 1A (unswitched). Other Surge suppression. Other Overotage protection. Filtered and regulated. Indicators (LED) Indicators (LED) Fuse Rating 10A/270/C. Failover Upon AC loss, instantaneous. Access Power Class. Fire Alarm Disconnect 10K Resistor. Output Voltage 24/VDC from eFlow104NB. Supervise Latching or non-latching. EOL 10K Resistor. Voltage 24/VDC. Supervise Latching or non-latching. EOL 10A/250V. Output Supervise Sattry Form "C" contacts. Input Fuse 10A/250V. Battry Form "C" contacts. Form "C" contacts. a) Fail-Sale and/Cr #LisSecure power outputs. Indicators (LED) Input 20VAC is present. Output Fuse 3.5A/250V. Input 120VAC is present. Output fuse 3.5A/250V. Input Fuse 10A/32V. Clailinger Greener LED FACP disconnect is triggered. Upt Fuse 120VAC is present. Output fuse 3.5A/250V. Input Fuse 10A/32V. Clailingeref to the corresponding Sub-Assembly.	•	120VAC, 60Hz, 4.5A max.	Voltage	24VDC from eFlow104NB.
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Fire Atam Disconted Supervised Latching or non-latching. EOL 10K Resistor. Supervision	Failover	Upon AC loss, instantaneous.		
Supervised Latting of nonnations. EOL 10K Resistor. Supervision AC Failure Form "C" contacts. Battery Form "C" contacts. Eight (8) independently controlled fused outputs: Battery Form "C" contacts. Eight (8) independently controlled fused outputs: Low DC Power Shutdown To:75% for 24V units. Prevents deep battery discharge. Form "C" Relays rated 28VAC or VDC @ 2.5A. Indicators (LED) 120VAC is present. Outputs fuses and/or Fail-Secure power outputs (unswitched). DO Output Powered. Output Fuses 3.5A/250V. Input Fuse 12VDC from VR6 and 24VDC from eFlow104NB. Input Fuse Outputs are triggered (relays energized). Notage 12VDC from VR6 and 24VDC from eFlow104NB. Individual outputs may be set to OFF position for servicing. 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 Fuses 3A/32V. Prese European Conformity. Physical and Environmental to follow power input 1 or input 2. Fuses (B) individual output LEDs. Shipping 59.3 lb. (26.9 kg). Coutputs Ratings Eight (8) individual ou	Fire Alarm Disconr	nect		
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Input120VAC is present. Powered.DC OutputPowered.Dual Input Power Distribution Module (PDS8): Input Voltage12VDC from VR6 and 24VDC from eFlow104NB. Input FuseInput Fuse10A/32V.Outputs10A/32V.Outputs12VDC and/or 24VDC. Any of the eight (8) power outputs are selectable to follow power Input 1 or Input 2. Individual output sate selectable to follow power Input 1 or Input 2.Individual outputs Ratings Fuses3A/32V.PC OutputEight (8) individual output LEDs. Green:24/DC.PC OutputEight (8) individual output LEDs. Green:24/DC.Product54.3 lb. (24.6 kg). ShippingDC OutputEight (8) individual output LEDs. Green:24/DC.Pred LEDsOPerating OPeratingProduct54.3 lb. (24.6 kg). ShippingProduct54.3 lb. (24.6 kg). ShippingProduct54.3 lb. (24.6 kg). ShippingPreduct54.3 lb. (24.6 kg). ShippingProduct54.3 lb. (24.6 kg). ShippingProduct54.3 lb. (24.6 kg). ShippingProduct54.3 lb. (24.6 kg). ShippingStorage-20°C to 70°C (4°F to 158°F). StorageRelative Humidity85% +/-5%.	Indicators (LED)			5.JA/250V.
DC Output Powered. Dual Input Power Distribution Module (PDS8): Green LED FACP disconnect is triggered. Input Voltage 12VDC from VR6 and 24VDC from eFlow104NB. All components of this Trove kit are UL Listed sub-assemblies. Input Fuse 10A/32V. Please refer to the corresponding Sub-Assembly Installation Guides for further information. Voltage 12VDC and/or 24VDC. All components of this Trove kit are UL Listed sub-assemblies. Notage 12VDC and/or 24VDC. CE 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 Green : 24/32V. PC Output Eight (8) individual output LEDs. Green : Green : 12VDC Face 24VDC. Red: 24VDC. Storage -20°C to 70°C (32°F to 122°F). Storage -20°C to 70°C (-4°F to 158°F). Relative Humidity 85% +/-5%.	Input	120VAC is present.		Outputs are triggered (relays operaized)
Number Distribution Module (PDS8): Input Voltage 12VDC from VR6 and 24VDC from eFlow104N8. T2SAK7F8 Kit: Input Fuse 10A/32V. All components of this Trove kit are UL Listed sub-assemblies. Outputs All components of this Trove kit are UL Listed sub-assemblies. Voltage 12VDC and/or 24VDC. All components of this Trove kit are UL Listed sub-assemblies. Outputs European Conformity. Please refer to the corresponding Sub-Assembly Installation Guides for further information. Outputs Ratings European Conformity. Physical and Enviro	DC Output	Powered.		
InputVoltage12VDC from VR6 and 24VDC from eFlow104NB. Input Fuse10A/32V.Agency ListingsOutputs10A/32V.All components of this Trove kit are UL Listed sub-assemblies. Please refer to the corresponding Sub-Assembly Installation Guides for further information.Voltage12VDC 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.CEEuropean Conformity.Outputs Ratings Fuses3A/32V.Dimensions (H x W x D) 27.25" x 21.5" x 6.5" (692.2mm x 546.1mm x 165.1mm).Dimensions (H approx.)Product54.3 lb. (24.6 kg). ShippingShipping59.3 lb. (26.9 kg).DC OutputEight (8) individual output LEDs. Green:12VDC 12VDC Red:24VDC.Red:24VDC.Storage -20°C to 70°C (-4°F to 158°F). Relative Humidity85% +/-5%.			Green LED	TAGE disconnect is triggered.
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Voltage12/UC from VR6 and 24/UC from ePloW104NS.Input Fuse10A/32V.OutputsAll components of this Trove kit are UL Listed sub-assemblies.Voltage12/UC and/or 24/UC.Any of the eight (8) power outputs are selectable to follow power lnput 1 or Input 2.European Conformity.Individual outputs may be set to OFF position for servicing.CEEuropean Conformity.Outputs Ratings Fuses3A/32V.Physical and EnvironmentalDC OutputEight (8) individual output LEDs. Green:Product54.3 lb. (24.6 kg).DC OutputEight (8) individual output LEDs. Green:OPerating0°C to 50°C (32°F to 122°F). StorageRed:24/UC.Storage-20°C to 70°C (-4°F to 158°F).Relative Humidity85% +/-5%.	-		Agency Listings	
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Individual outputs may be set to OFF position for servicing.Outputs Ratings27.25" x 6.5" (692.2mm x 546.1mm x 165.1mm).Fuses3A/32V.Indicators (LED)Product54.3 lb. (24.6 kg).DC OutputEight (8) individual output LEDs.Green:12VDCRed:24VDC.Belative Humidity85% +/-5%.			-	
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Green: 12VDC Operating 0°C to 50°C (32°F to 122°F). Red: 24VDC. Storage -20°C to 70°C (-4°F to 158°F). Relative Humidity 85% +/-5%.				59.3 lb. (26.9 kg).
Red: 24VDC. Storage -20°C to 70°C (-4°F to 158°F). Relative Humidity 85% +/-5%.				
Storage -200 to 7000 (-474 to 1564). Relative Humidity 85% +/-5%.				
	neu.	2410.		
BTU/Hr (approx.): 128 BTU/Hr.				
			BTU/Hr (approx.):	128 BTU/Hr.



TRICKE T2SAK7F8 Access & Power Integration Solution

Access Controller Position Chart for the Following Models:

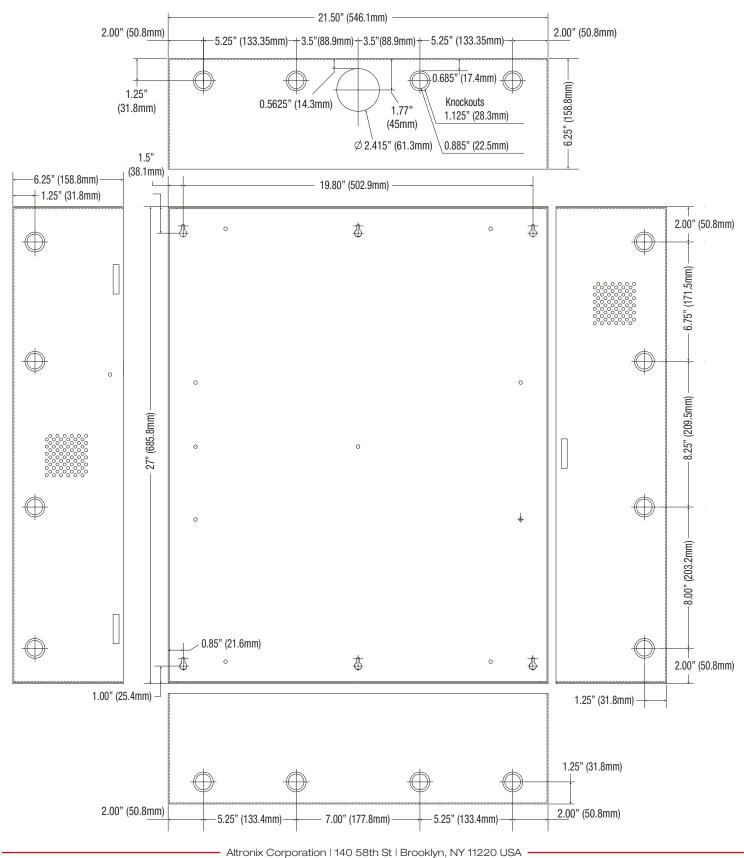
Salto	Pem Mounting
CU4200, CU42E0, CU4EB8	A







T2SAK7F8 Access & Power Integration Solution



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