



Access & Power Integration

Trove1XXM1

- Trove1XX enclosure with Altronix & Mercury/LenelS2 backplane (TM1)

Trove2XXM2

- Trove2XX enclosure with Altronix & Mercury/LenelS2 backplane (TM2)

Trove3XXM3

- Trove3XX enclosure with Altronix & Mercury/LenelS2 backplane (TM3)

Installation Guide



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Rev. TroveXM_110424

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____



More than just power.™

Overview:

Altronix Trove1XXM1, Trove2XXM2 and Trove3XXM3 accommodate various combinations of Mercury/LenelS2 boards with or without Altronix power supplies and sub-assemblies for access systems. The enclosures have no knockouts or venting holes for use in applications such as federal and military installations. A variety of sizes offer a wide range of scalable access and power configurations. Trove simplifies board layout and wire management, while reducing installation and labor costs.

Specifications:

Trove1XXM1

Trove1XX enclosure with

TM1 Altronix and Mercury/LenelS2 backplane.

- Includes: tamper switch, cam lock, lock nuts and mounting hardware.
Enclosure Dimensions (H x W x D):
18" x 14.5" x 4.625" (457mm x 368mm x 118mm).

See TM1 Sub-Assembly Position Chart on Pg. 3 for the list of compatible sub-assemblies.

Trove2XXM2

Trove2XX enclosure with

TM2 Altronix and Mercury/LenelS2 backplane

- Includes: tamper switch, cam lock, lock nuts and mounting hardware.
Enclosure Dimensions (H x W x D):
27.25" x 21.75" x 6.5" (692.2mm x 552.5mm x 165.1mm).

See TM2 Sub-Assembly Position Charts on Pgs. 5, 7, 8 for the list of compatible sub-assemblies.

- 16 Gauge backplane and enclosure. Enclosures do not have knockouts or venting holes

TMV2 - Optional Door Backplane

- Fits Altronix Trove2XX and Trove3XX enclosures.

Dimensions (H x W x D):

23.75" x 18.125" x 0.3125" (603.3mm x 460.4mm x 7.9mm).

See TMV2 Sub-Assembly Position Chart on Pg. 9 for the list of compatible sub-assemblies.

Trove3XXM3

Trove3XX enclosure with

TM3 Altronix and Mercury/LenelS2 backplane.

- Includes: two (2) tamper switches, cam lock, lock nuts and mounting hardware.
Enclosure Dimensions (H x W x D):
36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm).
- See TM3 Sub-Assembly Position Charts on Pgs. 10, 12 for the list of compatible sub-assemblies.

Environmental:

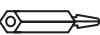
- Humidity and Temperature conditions: 93%, +/-2% @ 32°C +/-2°C.

Battery Backup:

- Trove1XX enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Trove2XX enclosure accommodates up to four (4) 12VDC/12AH batteries.
- Trove3XX enclosure accommodates up to four (4) 12VDC/12AH batteries.

For more detailed information refer to **Trove Installation Guide, Rev. 101817.**

Hardware:

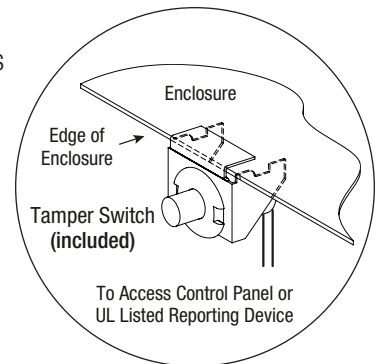
 Snap On Spacer |  Spacer (Metal or Nylon) |  5/16" Pan Head Screw |  7/8" Pan Head Screw |  Lock Nut

Installation Instructions for Trove1, Trove2, Trove3:

Wiring methods shall be in accordance with the National Electrical Code/NFPA 70/ANSI, and with all local codes and authorities having jurisdiction. Product is intended for indoor use only.

1. Remove backplane from enclosure. Do not discard hardware.
2. Mark and predrill holes in the wall to line up with the top three keyholes in the enclosure. Install two/three upper fasteners and screws in the wall with the screw heads protruding. Place the enclosure's upper keyholes over the two/three upper screws; level and secure. Mark the position of the lower two/three holes. Remove the enclosure. Drill the lower holes and install the two/three fasteners. Place the enclosure's upper keyholes over the two/three upper screws. Install the two/three lower screws and make sure to tighten all screws.
3. Mount included UL Listed tamper switch(es) (Altronix Model TS112 or equivalent) in desired location, opposite hinge. Slide the tamper switch bracket onto the edge of the enclosure approximately 2" from the right side (*Fig. 1, pg. 2*). Connect tamper switch wiring to the Access Control Panel input or the appropriate UL Listed reporting device. To activate alarm signal open the door of the enclosure.

Fig. 1



TM1 Sub-Assembly Position Chart for the Following Models:

LenelS2 OnGuard / Mercury (HID) Platform Sub-Assemblies*				
LenelS2	Mercury (HID)	Pem Mounting	Current Draw	Refer to
LNL-2220	LP1502	Ⓐ	12-24VDC 500mA max.	LNL-2220 Quick Reference (QR50L-1002E - revision 2.022)
LNL-4420	LP4502		12-24VDC 500mA max.	LNL-4420 Quick Reference (QR50L-1024E-LNL-4420 - revision 1.001)
LNL-1100	MR16IN		12-24VDC 350mA max. (12VDC/300mA nom., 24VDC/220mA nom.)	LNL-1100 Series 2 Quick Reference (QR50L-1010E - revision 1.019)
LNL-1200	MR16OUT		12-24VDC 1100mA max. (12VDC/850mA nom., 24VDC/450mA nom.)	LNL-1200 Series 2 Quick Reference (QR50L-1009E - revision 1.019)
LNL-1320	MR52		12-24VDC 550mA max. (12VDC/450mA nom., 24VDC/270mA nom.)	LNL-1320 Series 2 Quick Reference (QR50L-1007E - revision 1.020)
LNL-2210	LP1501	Ⓓ	12VDC 900mA max.	LNL-2210 Series 2 Quick Reference (QR50L-1003E - revision 1.021)
LNL-1300e	MR62e		12VDC 1100mA max.	LNL-1300e Quick Reference (QR50L-1023E - revision 1.000)
LNL-1300	MR50	Ⓔ	12-24VDC 150mA max. (12VDC/110mA nom., 24VDC/60mA nom.)	LNL-1300 Series 2 Quick Reference (QR50L-1008E - revision 1.020)
LNL-3300	LP2500	Ⓖ	12-24VDC 300mA max.	LNL-3300 Quick Reference (QR50L-1001E - revision 2.023)
LNL-8000	MUX8		12VDC 250mA max.	LNL-8000 Quick Reference (QR50L-1000E - revision 1.020)

Altronix Sub-Assemblies			
Sub-Assembly	Pem Mounting	Current Draw	Refer to
LINQ8PD(CB)	Ⓒ	12VDC @ 0.5A max. or 24VDC @ 0.3A max.	LINQ8PD/LINQ8PDCB Installation Guide Rev. 012918
ACM4(CB)		12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Guide Rev. 052819
MOM5		12-24VDC @ 55mA max.	MOM5 Installation Guide Rev. 020119
PD4UL(CB)		N/A	PD4UL Installation Guide Rev. 020119 PD4ULCB Installation Guide Rev. 020119
PD8UL(CB)		N/A	PD8UL Installation Guide Rev. 020119 PD8ULCB Installation Guide Rev. 020119
PD16W(CB)		N/A	PD16W/PD16WCB Installation Guide Rev. 020119
PDS8(CB)		N/A	PDS8/PDS8CB Installation Guide Rev. 070116
PDS16(CB)		N/A	PDS168/PDS16CB Installation Guide Rev. 060822
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Guide Rev. 050517
VR10		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR10 Installation Guide Rev. 0315237
LINQ2**	Ⓕ	12-24VDC @ 100mA max.	LINQ2 Installation Guide Rev. 060514

Altronix Power Supplies/Sub-Assemblies				
Sub-Assembly	Pem Mounting	Input Rating	Output Rating	Refer to
AL400ULXB2	Ⓑ	115VAC, 60Hz, 3.5A	12VDC @ 4A or 24VDC @ 3A	ULXB Installation Guide Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Guide Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
eFlow4NB**		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Guide Rev. EFNB-021319
eFlow6NB**		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Guide Rev. EFNB-021319
eFlow102NB**		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319
eFlow104NB**		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319

* For detailed information, refer to the LenelS2 Hardware Installation Guide, DOC-600 r9.025 October 2018.

** LINQ2 can be installed when utilizing eFlow power supply/charger boards.

Installation Instructions for Sub-Assemblies to TM1:

Altronix Power Supplies/Chargers and/or Sub-Assemblies:

1. Fasten spacers (provided) to pems that match the hole pattern for Altronix Power Supply/Chargers or Altronix Sub-Assembly boards (positions (B) and (C), *Fig. 2, pg. 5*). Use snap on nylon spacers for the upper two mounting holes in the board. Use metal spacers for the bottom mounting holes to provide sufficient grounding for the board.
2. Affix boards to spacers (*Fig. 2a, pg. 5*) by pressing down the upper mounting holes onto nylon spacers. Use provided mounting screws to affix the lower mounting holes. Make sure that boards are locked onto spacers.
3. For detailed information about installing and connecting Altronix sub-assemblies refer to the individual Installation Guides listed in the **Sub-Assembly Position Chart, pg. 4** and **Trove Installation Guide, Rev. 101817**.

Mercury/LenelS2 Sub-Assemblies:

4. Fasten spacers onto metal pems configuration (A), (D), (E) or (G) of enclosure depending on the sub-assembly module (*Fig. 2, pg. 5*).
5. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 2a, pg. 5*).
6. Fasten backplane to Trove1XX enclosure utilizing lock nuts (provided).

Fig. 2

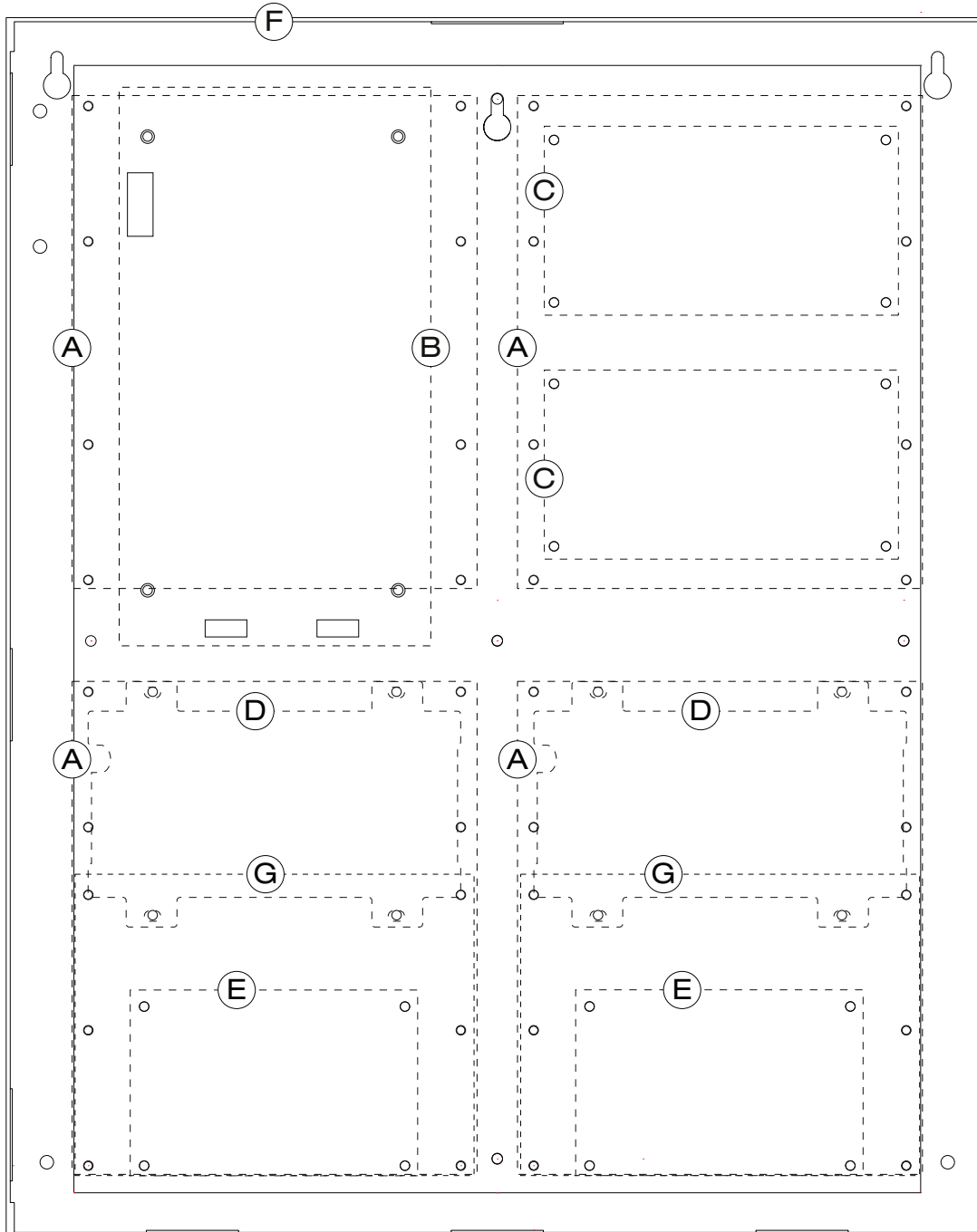
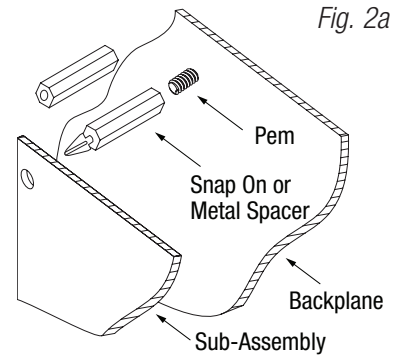


Fig. 2a



TM2 Sub-Assembly Position Chart for the Following Models:

Altronix Power Supplies/Chargers				
Altronix	Pem Mounting	Input Rating	Output Rating	Refer to
AL400ULXB2	Ⓐ	115VAC, 60Hz, 3.5A	12VDC @ 4A or 24VDC @ 3A	ULXB Installation Guide Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Guide Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
eFlow4NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Guide Rev. EFNB-021319
eFlow6NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Guide Rev. EFNB-021319
eFlow102NB*		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319
eFlow104NB*		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319
Altronix Sub-Assemblies				
Altronix	Pem Mounting	Current Draw	Refer to	
LINQ8PD(CB)	Ⓑ	12VDC @ 0.5A max. or 24VDC @ 0.3A max.	LINQ8PD/LINQ8PDCB Installation Guide Rev. 012918	
LINQ8ACM(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	LINQ8ACM/LINQ8ACMCB Installation Guide Rev. 100219	
ACM4(CB)		12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Guide Rev. 052819	
ACM8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACM8/ACM8CB Installation Guide Rev. 031819	
ACMS8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACMS8/ACMS8CB Installation Guide Rev. 073019	
ACMS12(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACMS12/ACMS12CB Installation Guide Rev. 061622	
MOM5		12-24VDC 55mA max.	MOM5 Installation Guide Rev. 020119	
PD4UL(CB)		N/A	PD4UL Installation Guide Rev. 020119 PD4ULCB Installation Guide Rev. 020119	
PD8UL(CB)		N/A	PD8UL Installation Guide Rev. 020119 PD8ULCB Installation Guide Rev. 020119	
PD16W(CB)		N/A	PD16W/PD16WCB Installation Guide Rev. 020119	
PDS8(CB)		N/A	PDS8/PDS8CB Installation Guide Rev. 070116	
PDS16(CB)		N/A	PDS168/PDS16CB Installation Guide Rev. 060822	
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Guide Rev. 050517	
VR10		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 10A)	VR10 Installation Guide Rev. 031523	
LINQ2*	Ⓒ	12-24VDC 100mA max.	LINQ2 Installation Guide Rev. 060514	

* LINQ2 can be installed when utilizing eFlow power supply/charger boards.

Installation Instructions for Altronix Power Supplies and/or Sub-Assemblies to TM2:

1. Fasten spacers (provided) to pems that match the hole pattern for Altronix Power Supply/Chargers or Altronix Sub-Assembly boards (*Fig. 3, pg. 7*).
Use snap on nylon spacers for the upper two mounting holes in the board.
Use metal spacers for the bottom mounting holes to provide sufficient grounding for the board.
2. Affix boards to spacers (*Fig. 3a, pg. 7*) by pressing down the upper mounting holes onto nylon spacers.
Use provided mounting screws to affix the lower mounting holes. Make sure that boards are locked onto spacers.
3. For detailed information about installing and connecting Altronix sub-assemblies refer to the individual Installation Guides listed in the **Sub-Assembly Position Chart, pg. 6** and **Trove Installation Guide, Rev. 101817**.
4. Fasten backplane to Trove2XX enclosure utilizing lock nuts (provided).

Fig. 3

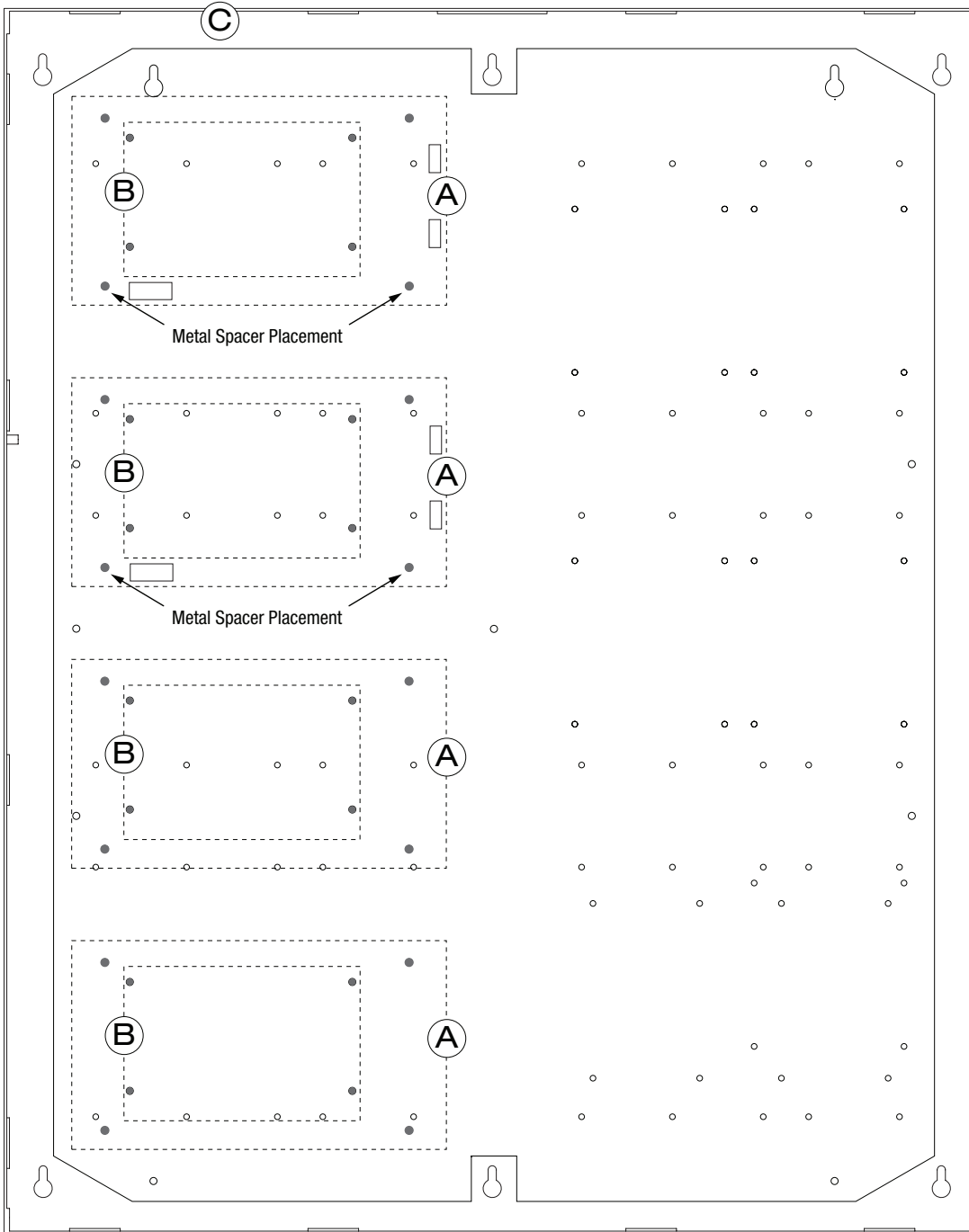
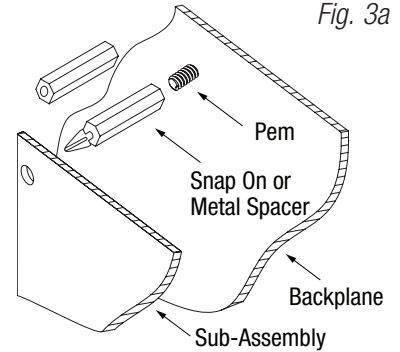


Fig. 3a



Installation Instructions for Mercury/LenelS2 Access Controllers to TM2:

1. Fasten snap on spacers onto metal pems configuration (A) (B) of backplane depending on the access controller (*Fig. 4, pg. 8*).
2. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 4a, pg. 8*).
3. Mount backplane to enclosure with hardware.

Access Controller Position Chart for the Following Models:

LenelS2	Mercury (HID)	Pem Mounting	Current Draw	Refer to
LNL-3300	MR50	Ⓐ	12-24VDC 300mA max.	LNL-3300 Quick Reference (QR50L-1001E - revision 2.023)
LNL-8000	MUX8		12VDC 250mA max.	LNL-8000 Quick Reference (QR50L-1000E - revision 1.020)
LNL-2220	LP1502	Ⓑ	12-24VDC 500mA max.	LNL-2220 Quick Reference (QR50L-1002E - revision 2.022)
LNL-4420	LP4502		12-24VDC 500mA max.	LNL-4420 Quick Reference (QR50L-1024E-LNL-4420 - revision 1.001)
LNL-1100	MR16IN		12-24VDC 350mA max. (12VDC @ 300mA nom., 24VDC @ 220mA nom.)	LNL-1100 Series 2 Quick Reference (QR50L-1010E - revision 1.019)
LNL-1200	MR16OUT		12-24VDC 1100mA max. (12VDC @ 850mA nom., 24VDC @ 450mA nom.)	LNL-1200 Series 2 Quick Reference (QR50L-1009E - revision 1.019)
LNL-1320	MR52		12-24VDC 550mA max. (12VDC @ 450mA nom., 24VDC @ 270mA nom.)	LNL-1320 Series 2 Quick Reference (QR50L-1007E - revision 1.020)

Fig. 4

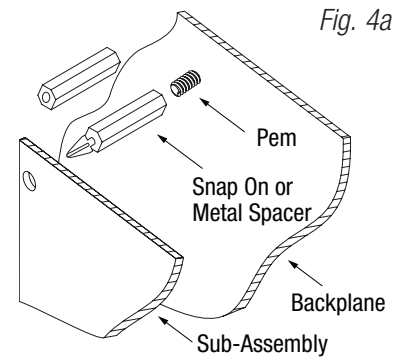
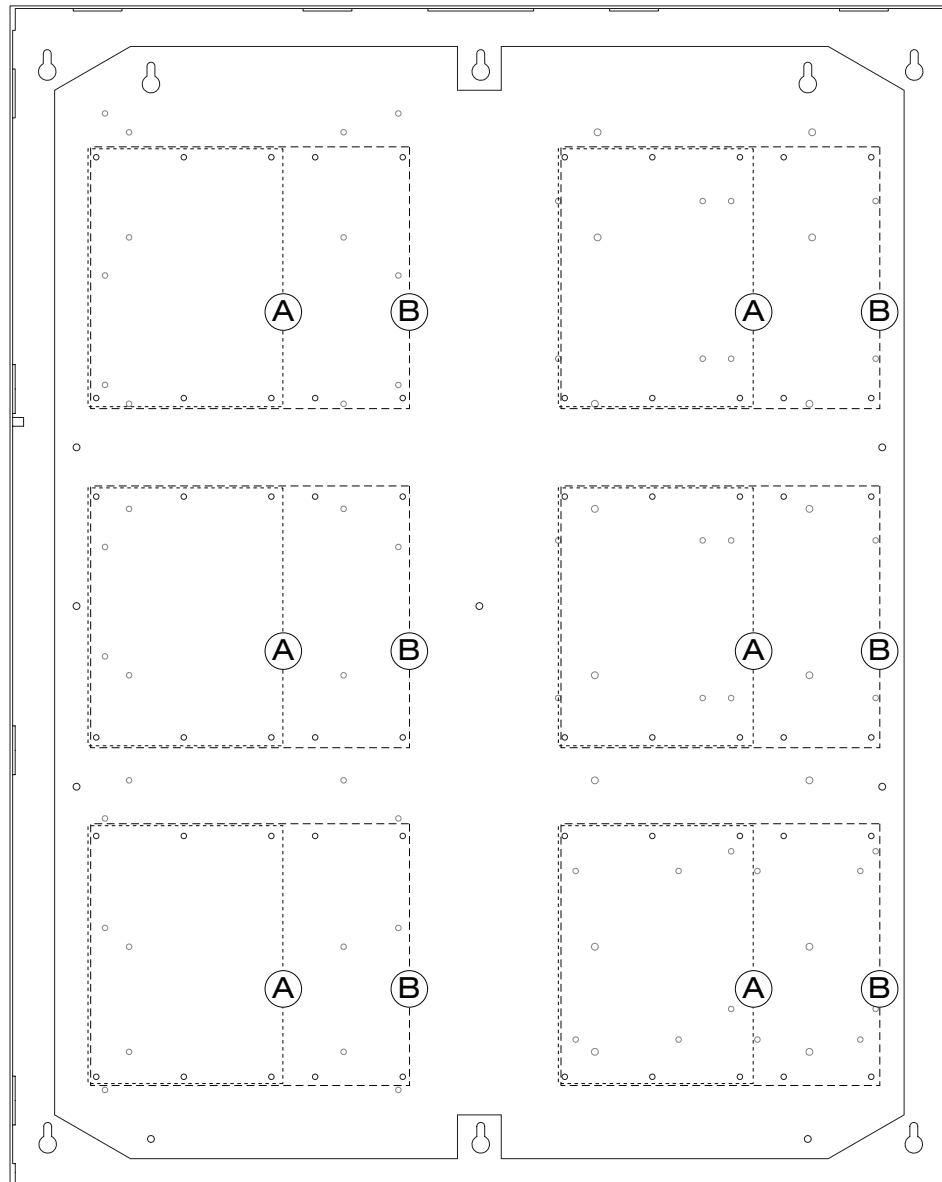


Fig. 4a

Installation Instructions for Mercury/LenelS2 Access Controllers to TM2:

1. Fasten snap on spacers onto metal pems configuration (A) (B) of backplane depending on the access controller (*Fig. 5, pg. 9*).
2. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 5a, pg. 9*).
3. Mount backplane to enclosure with hardware.

Access Controller Position Chart for the Following Models:

LenelS2	Mercury (HID)	Pem Mounting	Current Draw
LNL-2210	LP1501	Ⓐ	12VDC 900mA max.
LNL-1300e	MR62e		12VDC 1100mA max.
LNL-1300	MR50	Ⓑ	12-24VDC 150mA max. (12VDC @ 110mA nom., 24VDC @ 60mA nom.)

Fig. 5

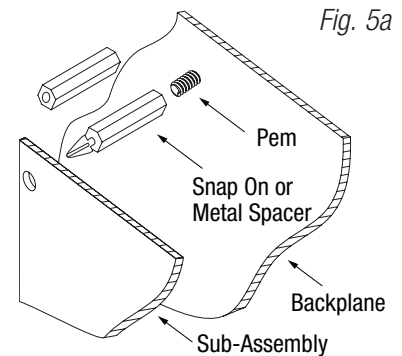
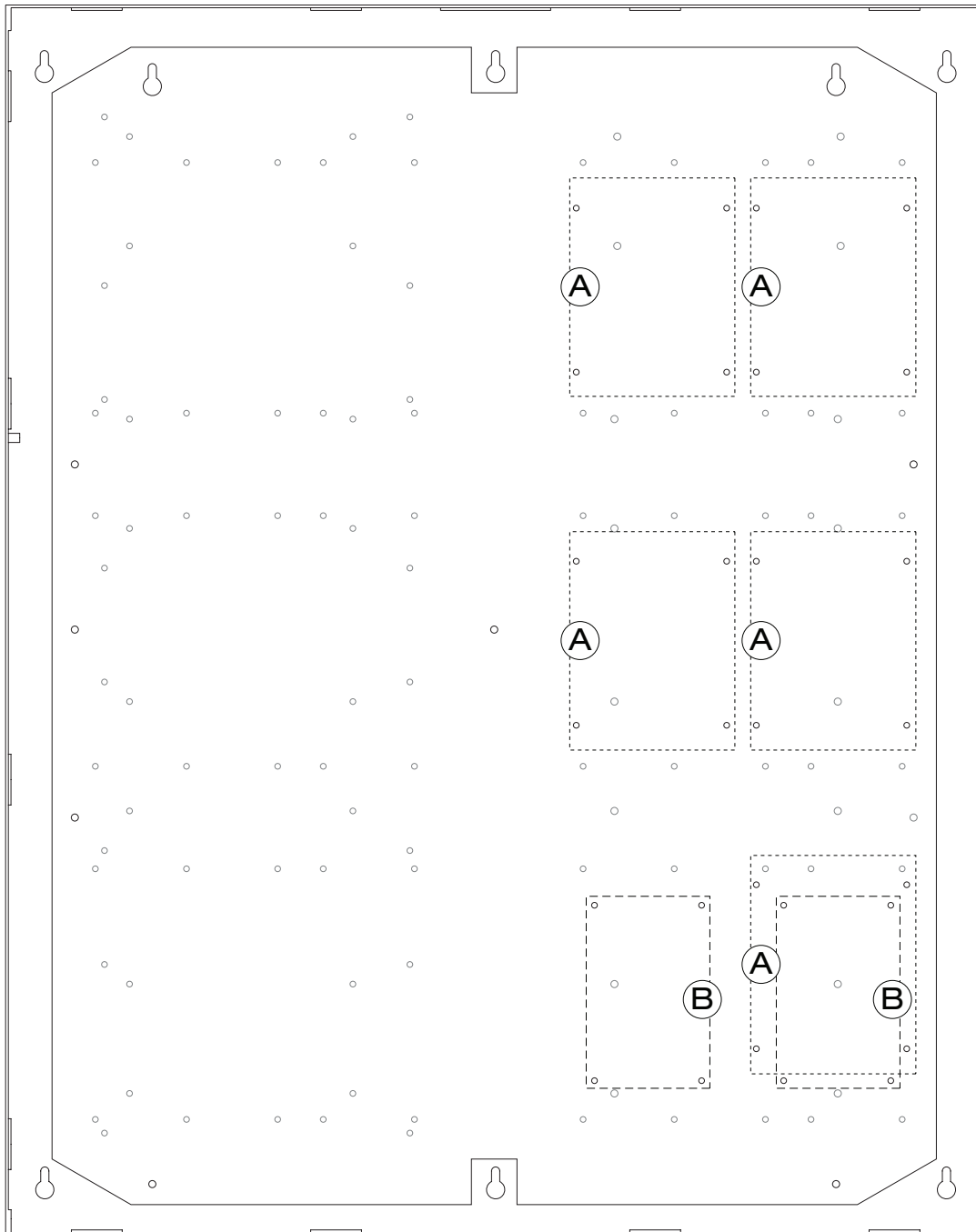


Fig. 5a

Installation Instructions for Mercury/LeneIS2 Access Controllers to TMV2 (Door Backplane):

- 1. Fasten snap on spacers onto metal pems configuration (A) (B) of backplane depending on the access controller (Fig. 6, pg. 10).
- 2. Position access controller module over corresponding spacers and depress onto snap on spacers (Fig. 6a, pg. 10).
- 3. Mount backplane to enclosure with hardware.

Access Controller Position Chart for the Following Models:

LeneIS2	Mercury (HID)	Pem Mounting	Current Draw
LNL-3300	LP2500	Ⓐ	12-24VDC 300mA max.
LNL-8000	MUX8		12VDC 250mA max.
LNL-2220	LP1502	Ⓑ	12-24VDC 500mA max.
LNL-4420	LP4502		12-24VDC 500mA max.
LNL-1100	MR16IN		12-24VDC 350mA max. (12VDC @ 300mA nom., 24VDC @ 220mA nom.)
LNL-1200	MR16OUT		12-24VDC 1100mA max. (12VDC @ 850mA nom., 24VDC @ 450mA nom.)
LNL-1320	MR52		12-24VDC 550mA max. (12VDC @ 450mA nom., 24VDC @ 270mA nom.)

Fig. 6

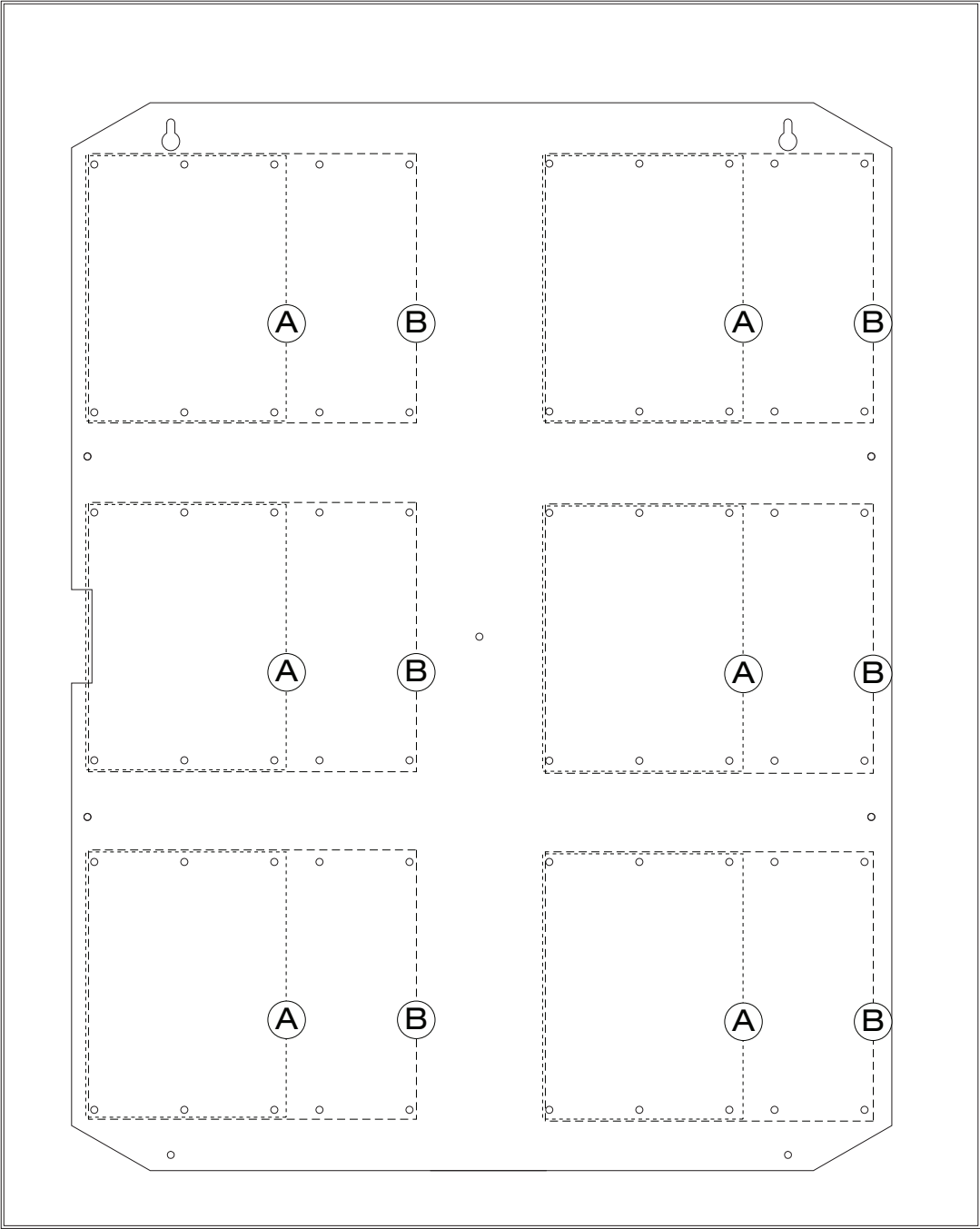
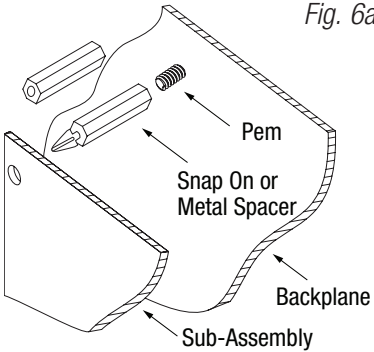


Fig. 6a



TM3 Sub-Assembly Position Chart for the Following Models:

Altronix Power Supplies/Chargers				
Altronix	Pem Mounting	Input Rating	Output Rating	Refer to
AL400ULXB2	Ⓐ	115VAC, 60Hz, 3.5A	12VDC @ 4A or 24VDC @ 3A	ULXB Installation Guide Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Guide Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Guide Rev. ULXB-020419
eFlow4NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Guide Rev. EFNB-021319
eFlow6NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Guide Rev. EFNB-021319
eFlow102NB*		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319
eFlow104NB*		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Guide Rev. EFNB-021319

Altronix Sub-Assemblies			
Altronix	Pem Mounting	Current Draw	Refer to
LINQ8PD(CB)	Ⓑ	12VDC @ 0.5A max. or 24VDC @ 0.3A max.	LINQ8PD/LINQ8PDCB Installation Guide Rev. 012918
LINQ8ACM(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	LINQ8ACM/LINQ8ACMCB Installation Guide Rev. 100219
ACM4(CB)		12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Guide Rev. 052819
ACM8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACM8/ACM8CB Installation Guide Rev. 031819
ACMS8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACMS8/ACMS8CB Installation Guide Rev. 073019
ACMS12(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACMS12/ACMS12CB Installation Guide Rev. 061622
MOM5		12-24VDC 55mA max.	MOM5 Installation Guide Rev. 020119
PD4UL(CB)		N/A	PD4UL Installation Guide Rev. 020119 PD4ULCB Installation Guide Rev. 020119
PD8UL(CB)		N/A	PD8UL Installation Guide Rev. 020119 PD8ULCB Installation Guide Rev. 020119
PD16W(CB)		N/A	PD16W/PD16WCB Installation Guide Rev. 020119
PDS8(CB)		N/A	PDS8/PDS8CB Installation Guide Rev. 070116
PDS16(CB)		N/A	PDS168/PDS16CB Installation Guide Rev. 060822
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Guide Rev. 050517
VR10		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 10A)	VR10 Installation Guide Rev. 031523
LINQ2*	Ⓒ	12-24VDC 100mA max.	LINQ2 Installation Guide Rev. 060514

* LINQ2 can be installed when utilizing eFlow power supply/charger boards.

Installation Instructions for Altronix Power Supplies and/or Sub-Assemblies to TM3:

1. Fasten spacers (provided) to pems that match the hole pattern for Altronix Power Supply/Chargers or Altronix Sub-Assembly boards (Fig. 7, pg. 12).
Use snap on nylon spacers for the upper two mounting holes in the board.
Use metal spacers for the bottom mounting holes to provide sufficient grounding for the board.
2. Affix boards to spacers (Fig. 7a, pg. 12) by pressing down the upper mounting holes onto nylon spacers.
Use provided mounting screws to affix the lower mounting holes. Make sure that boards are locked onto spacers.
3. For detailed information about installing and connecting Altronix sub-assemblies refer to the individual Installation Guides listed in the **Sub-Assembly Position Chart, pg. 11** and **Trove Installation Guide, Rev. 101817**.
4. Fasten backplane to Trove3XX enclosure utilizing lock nuts (provided).

Fig. 7

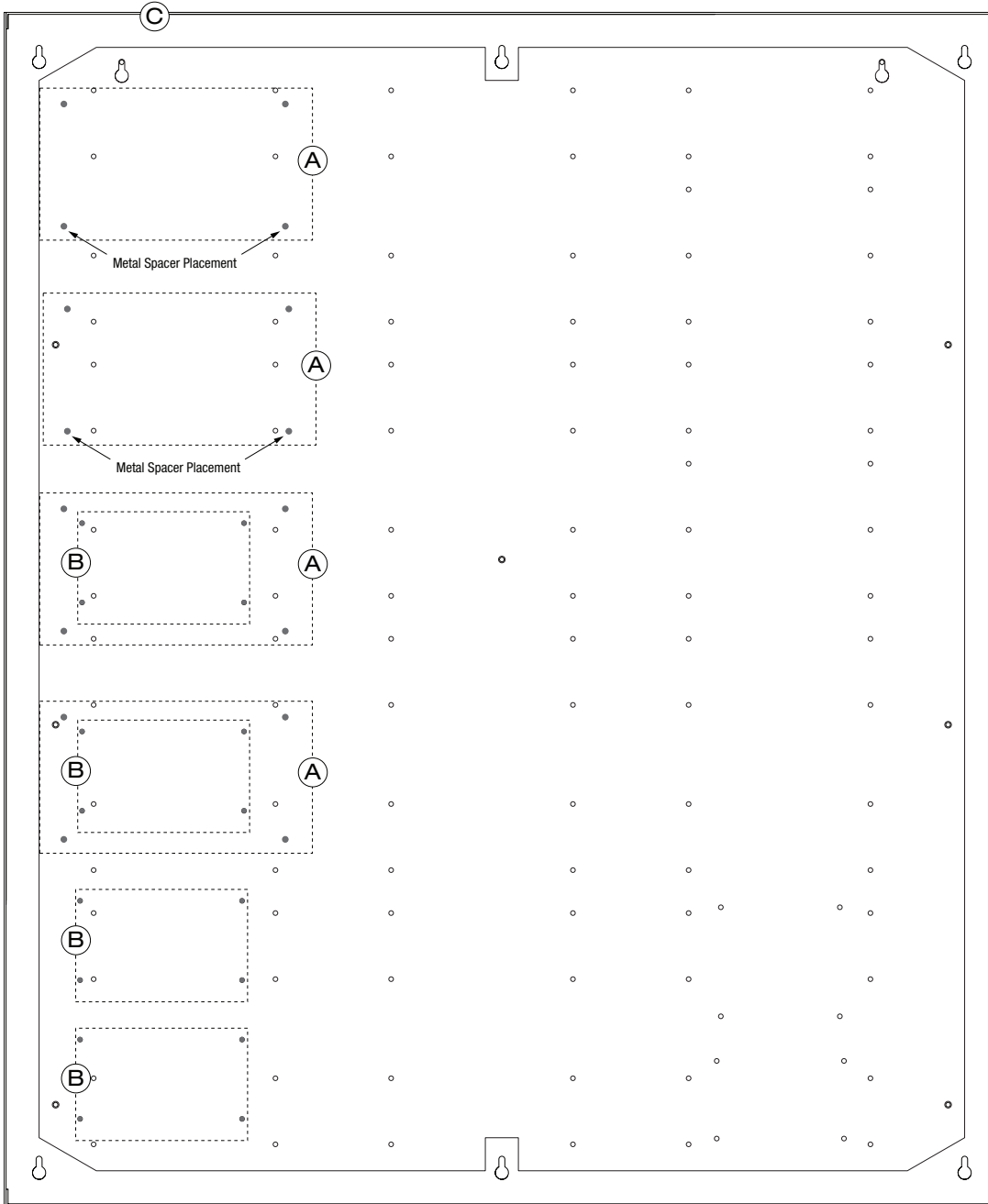
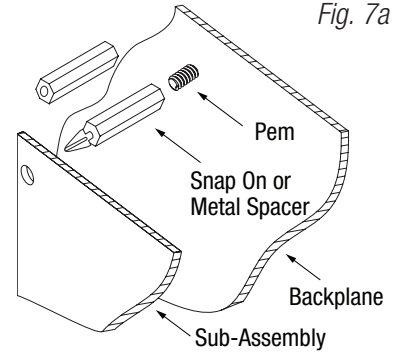


Fig. 7a



Installation Instructions for Mercury/LenelS2 Access Controllers to TM3:

1. Fasten snap on spacers onto metal pems configuration (A) (B) of backplane depending on the access controller (*Fig. 8, pg. 13*).
2. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 8a, pg. 13*).
3. Mount backplane to enclosure with hardware.

Access Controller Position Chart for the Following Models:

LenelS2	Mercury (HID)	Pem Mounting	Current Draw
LNL-3300	LP2500	(A)	12-24VDC 300mA max.
LNL-8000	MUX8		12VDC 250mA max.
LNL-2220	LP1502	(B)	12-24VDC 500mA max.
LNL-4420	LP4502		12-24VDC 500mA max.
LNL-1100	MR16IN		12-24VDC 350mA max. (12VDC @ 300mA nom., 24VDC @ 220mA nom.)
LNL-1200	MR16OUT		12-24VDC 1100mA max. (12VDC @ 850mA nom., 24VDC @ 450mA nom.)
LNL-1320	MR52	(C)	12-24VDC 550mA max. (12VDC @ 450mA nom., 24VDC @ 270mA nom.)
LNL-2210	LP1501		12VDC 900mA max.
LNL-1300e	MR62e		12VDC 1100mA max.
LNL-1300	MR50	(D)	12-24VDC 150mA max. (12VDC/110mA nom., 24VDC/60mA nom.)

Fig. 8

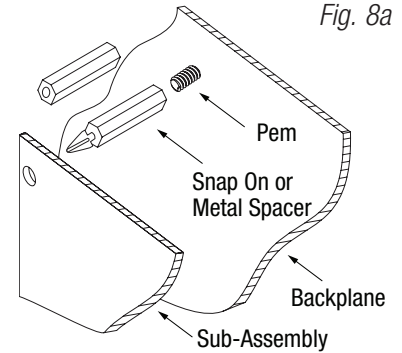
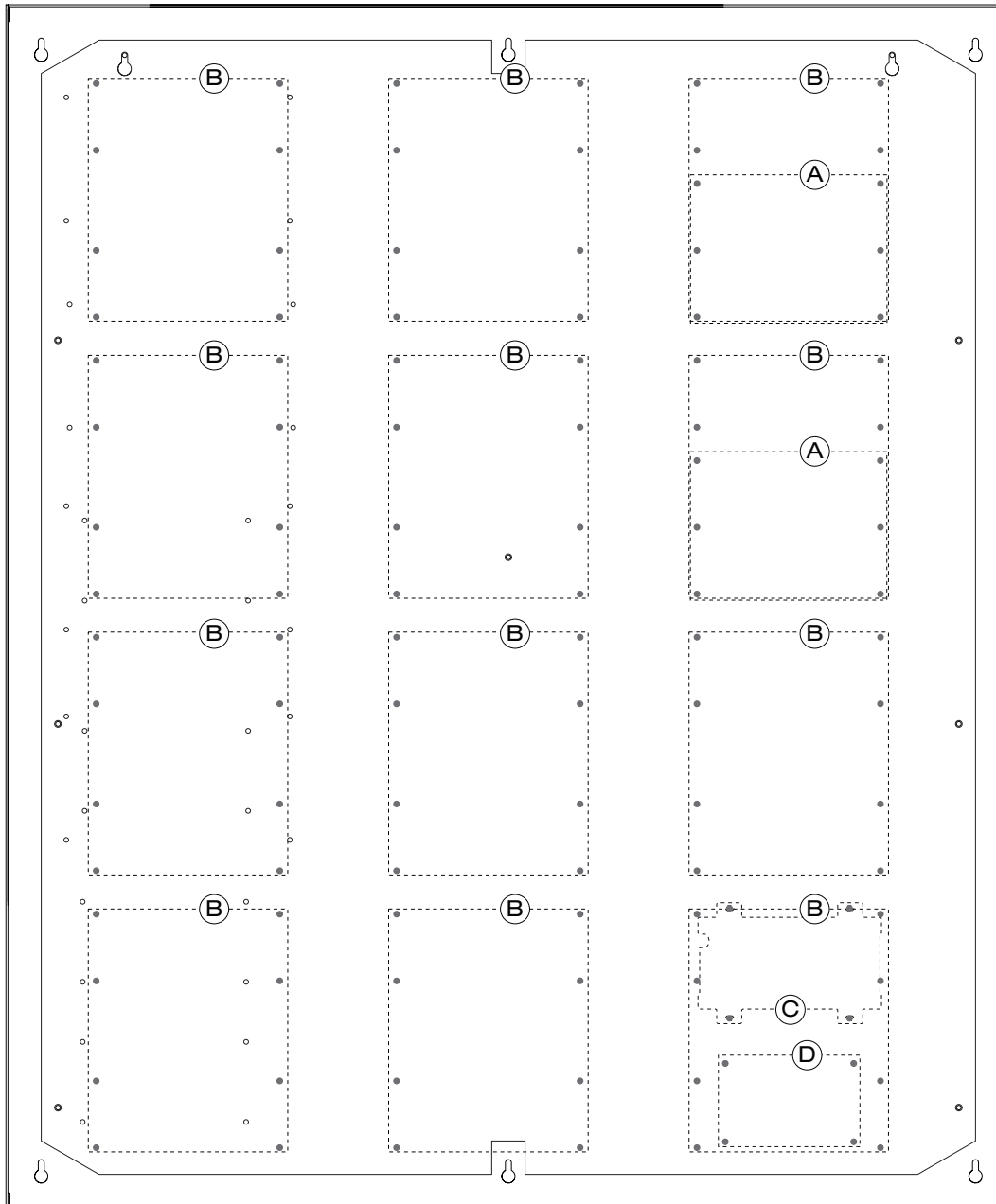
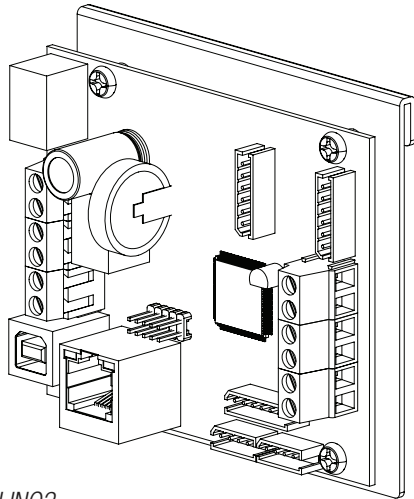


Fig. 8a



eFlow Power Supply/Chargers can be Controlled and Monitored while Reporting Power/Diagnostics from Anywhere over the Network...



LINQ2

LINQ™

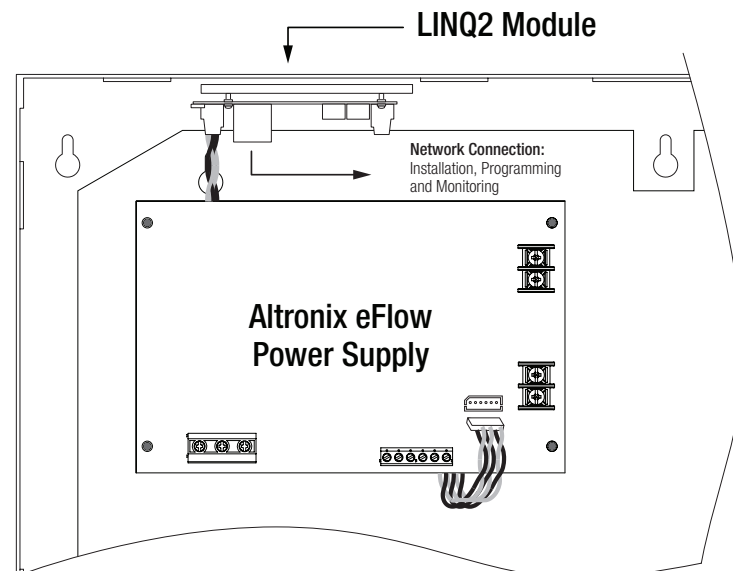
LINQ2 - Network Communication Module

LINQ2 provides remote IP access to real-time data from eFlow power supply/chargers to help keep systems up and running at optimal levels. It facilitates fast and easy installation and set-up, minimizes system downtime, and eliminates unnecessary service calls, which helps reduce Total Cost of Ownership (TCO) - as well as creating a new source of Recurring Monthly Revenue (RMR).

Features:

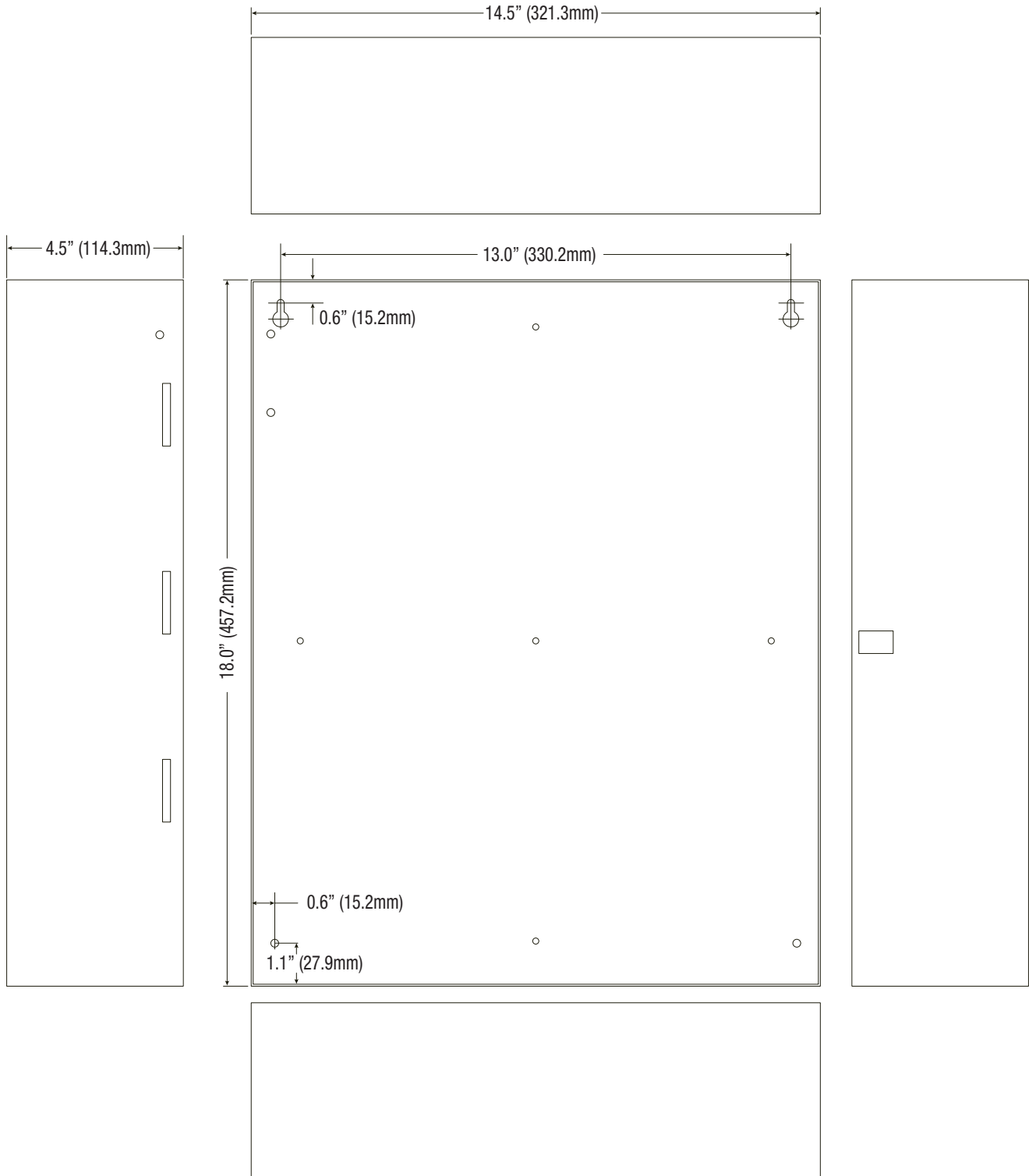
- UL Listed in the U.S. and Canada.
- Local or remote control of up to (2) two Altronix eFlow power output(s) via LAN and/or WAN.
- Monitor real time diagnostics: DC output voltage, output current, AC & battery status/service, input trigger state change, output state change and unit temperature.
- Access control and user management: Restrict read/write, Restrict users to specific resources
- Two (2) integral network controlled Form "C" Relays.
- Three (3) programmable input triggers: Control relays and power supplies via external hardware sources.
- Email and Windows Dashboard notifications
- Event log tracks history.
- Secure Socket Layer (SSL).
- Programmable via USB or web browser - includes operating software and 6 ft. USB cable.

LINQ2 Mounts Inside any Trove Enclosure



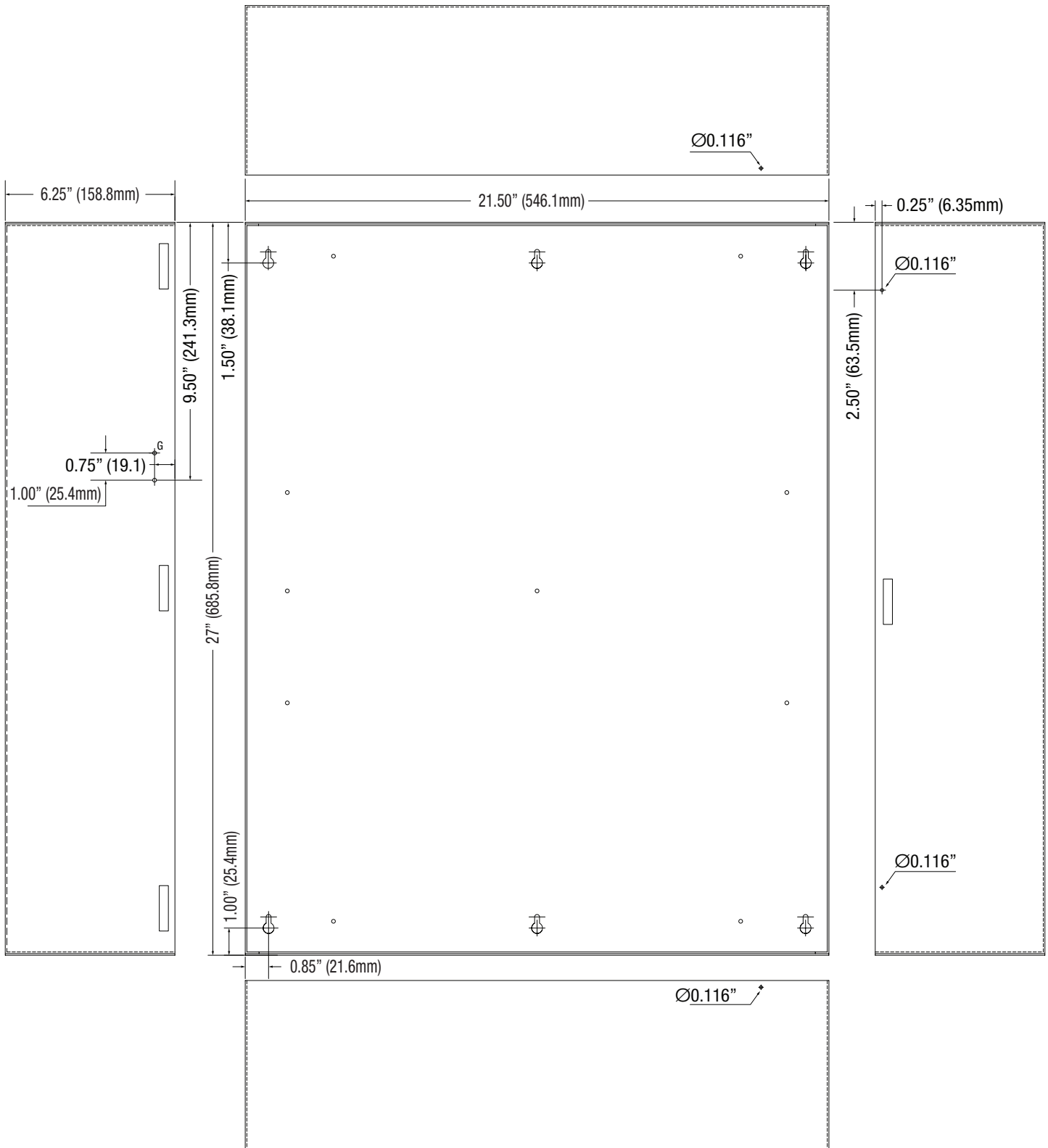
Trove1XXM1 Enclosure Dimensions:

18" x 14.5" x 4.625" (457.2mm x 368.3mm x 117.47mm)

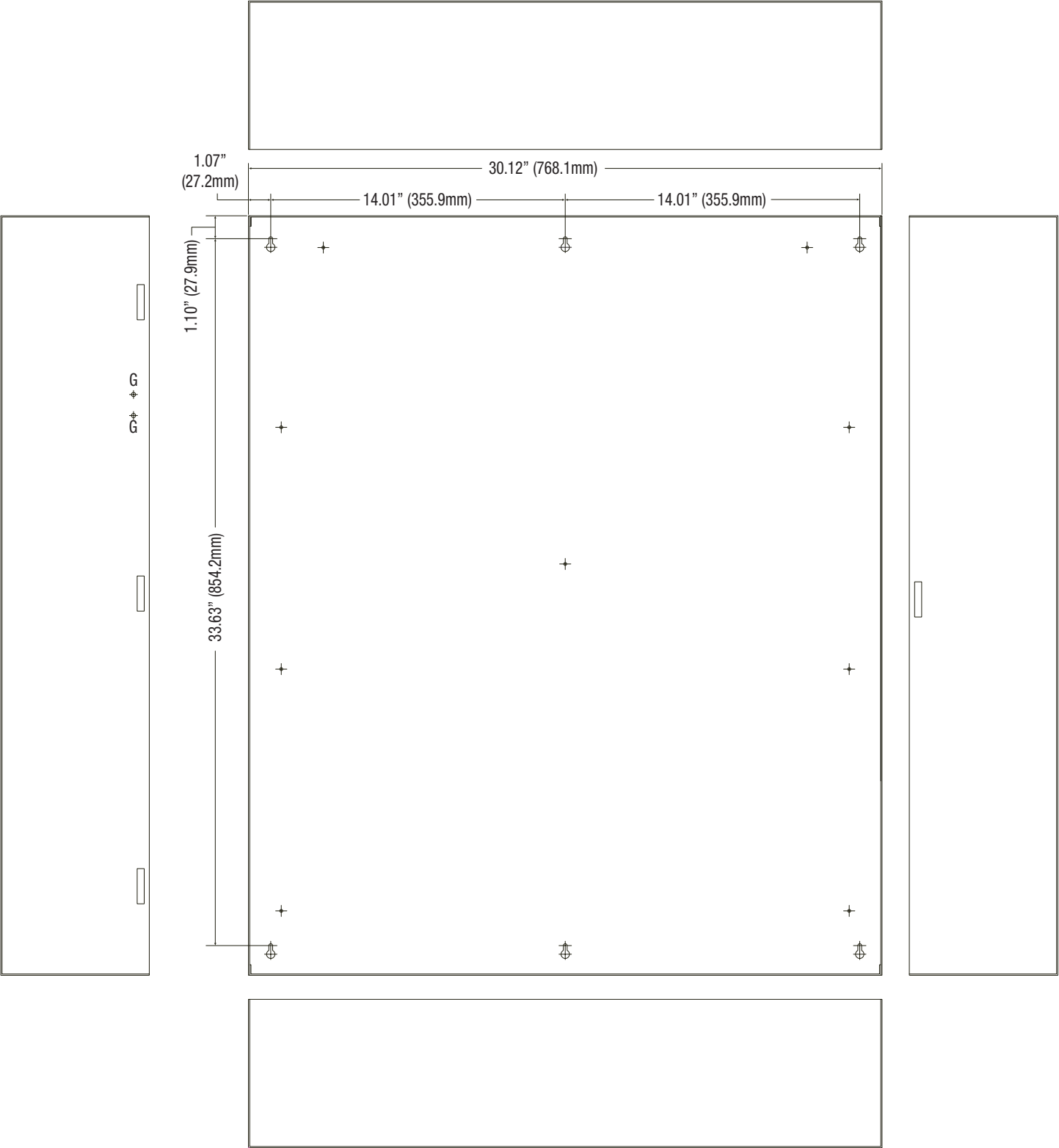


Trove2XXM2 Enclosure Dimensions (H x W x D approximate):

27.25" x 21.75" x 6.5" (692.2mm x 552.5mm x 165.1mm)



Trove3XX Enclosure Dimensions (H x W x D approximate):
36.12" x 30.125" x 7.06" (917.5mm x 768.1mm x 179.3mm)



Altronix is not responsible for any typographical errors. Product specifications are subject to change without notice.

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