

TRIVE™

Access & Power Integration



Trove1M1

- Trove1 enclosure with Altronix & Mercury/LenelS2 backplane (TM1)

TM1

- Altronix & Mercury/LenelS2 backplane only

Trove2M2

- Trove2 enclosure with Altronix & Mercury/LenelS2 backplane (TM2)

TM2

- Altronix & Mercury/LenelS2 backplane only

TMV2

- Altronix & Mercury/LenelS2 Door Backplane. Fits Trove2 and Trove3 enclosures

Trove3M3

- Trove3 enclosure with Altronix & Mercury/LenelS2 backplane (TM3)

TM3

- Altronix & Mercury/LenelS2 backplane only

Installation Guide



More than just power.™

All registered trademarks are property of their respective owners.

Rev. TMERC101817

Installing Company: _____ Service Rep. Name: _____

Address: _____ Phone #: _____

Overview:

Altronix Trove1M1, Trove2M2 and Trove3M3 accommodate various combinations of Mercury/LenelS2 boards with or without Altronix power supplies and sub-assemblies for access systems.

Specifications:

Trove1M1

Trove1 enclosure with TM1 Altronix and Mercury/LenelS2 backplane.

- 16 Gauge enclosure with ample knockouts for convenient access.
 - 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).

TM1

Altronix and Mercury/LenelS2 backplane.

- 16 Gauge backplane.
 - Includes mounting hardware.
- Dimensions (H x W x D): 16.625" x 12.5" x 0.3125" (422.3mm x 317.5mm x 7.9mm).

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

Trove2M2

Trove2 enclosure with TM2 Altronix and Mercury/LenelS2 backplane

- 16 Gauge enclosure with ample knockouts for convenient access.
 - 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).

TM2

Altronix and Mercury/LenelS2 backplane.

- 16 Gauge backplane.
 - Includes: lock nuts and mounting hardware.
- Dimensions (H x W x D): 25.375" x 19.375" x 0.3125" (644.5mm x 492.1mm x 7.9mm).

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

TMV2 - Optional Door Backplane

- Fits Altronix Trove2 and Trove3 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.

Trove3M3

Trove3 enclosure with TM3 Altronix and Mercury/LenelS2 backplane.

- 16 Gauge enclosure with ample knockouts for convenient access.
 - 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).

TM3

Altronix and Mercury/LenelS2 backplane.

- 16 Gauge backplane.
 - Includes: lock nuts and mounting hardware.
- Dimensions (H x W x D): 34" x 28" x 0.3125" (863.6mm x 711.2mm x 7.9mm).

See *TM3 Sub-Assembly Position Charts on Pgs. 10, 12* for the list of compatible sub-assemblies.

Agency Listings (When Using Altronix and Mercury/LenelS2 Sub-Assemblies)*:

- UL 294 - 6th edition. Trove1M, Trove2M Trove3M Power Controllers: Line Security I, Destructive Attack I, Endurance IV, Stand-by Power II*.
- *Stand-by Power Level I if no battery is supplied.
- This Class B digital apparatus complies with Canadian ICES-003.
 - Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.
 - CE European Conformity.

Environmental:






- Humidity and Temperature conditions as tested by UL (85%, +/-5% @ 30°C +/-2°C), ULC (93%, +/-2% @ 32°C +/-2°C).

Battery Backup:

- Trove1 enclosure accommodates up to two (2) 12VDC/7AH batteries.
- Trove2 enclosure accommodates up to two (2) 12VDC/12AH batteries.
- Trove3 enclosure accommodates up to four (4) 12VDC/12AH batteries.

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

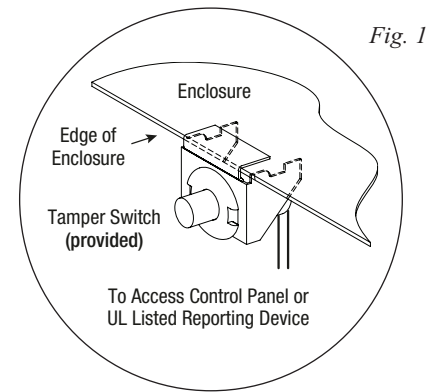
Hardware:

 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. 3*). 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.



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
ACM4(CB)	Ⓒ	12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Instructions Rev. 052819
MOM5		12-24VDC @ 55mA max.	MOM5 Installation Instructions Rev. 020119
PD4UL(CB)		N/A	PD4UL Installation Instructions Rev. 020119 PD4ULCB Installation Instructions Rev. 020119
PD8UL(CB)		N/A	PD8UL Installation Instructions Rev. 020119 PD8ULCB Installation Instructions Rev. 020119
PD16W(CB)		N/A	PD16W/PD16WCB Installation Instructions Rev. 020119
PDS8(CB)		N/A	PDS8/PDS8CB Installation Instructions Rev. 070116
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Instructions Rev. 050517
LINQ2**	Ⓕ	12-24VDC @ 100mA max.	LINQ2 Installation Instructions 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 Instructions Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Instructions Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
eFlow4NB**		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Instructions Rev. EFNB-021319
eFlow6NB**		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Instructions Rev. EFNB-021319
eFlow102NB**		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Instructions Rev. EFNB-021319
eFlow104NB**		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Instructions 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:

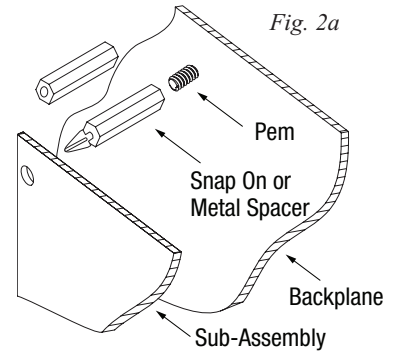
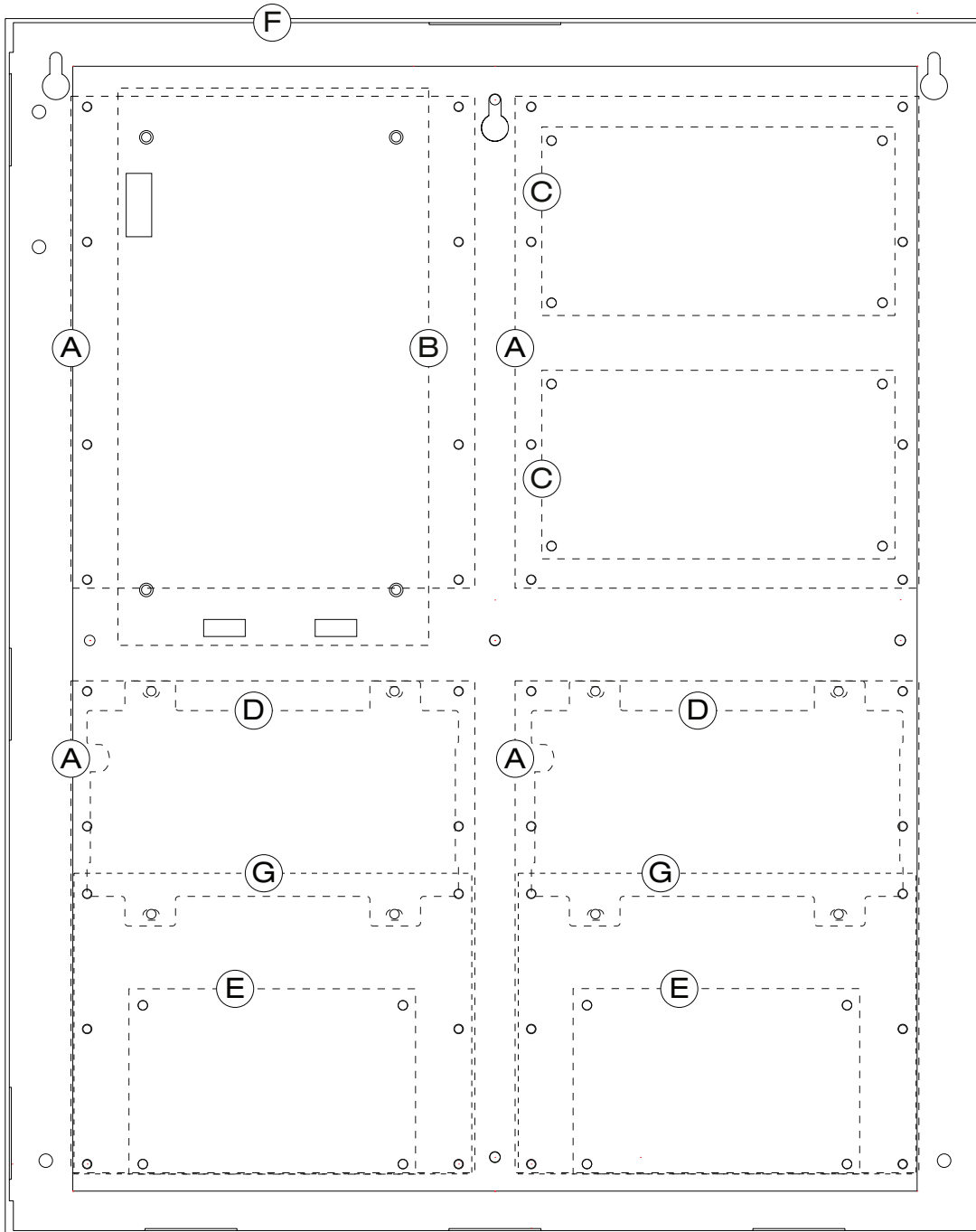
Altronix Power Supplies/Chargers and/or Sub-Assemblies:

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. 4*). 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. 4*) 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 Instructions listed in the **Sub-Assembly Position Chart, pg. 3** 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. 4*).
5. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 2a, pg. 4*).
6. Fasten backplane to Trove1 enclosure utilizing lock nuts (provided).

Fig. 2



TM2 Sub-Assembly Position Chart for the Following Models:

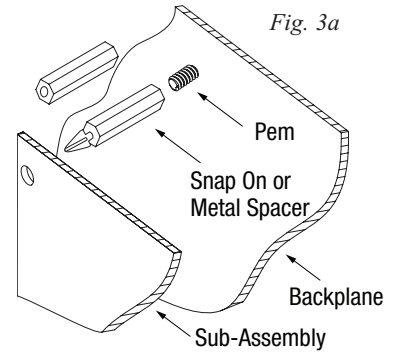
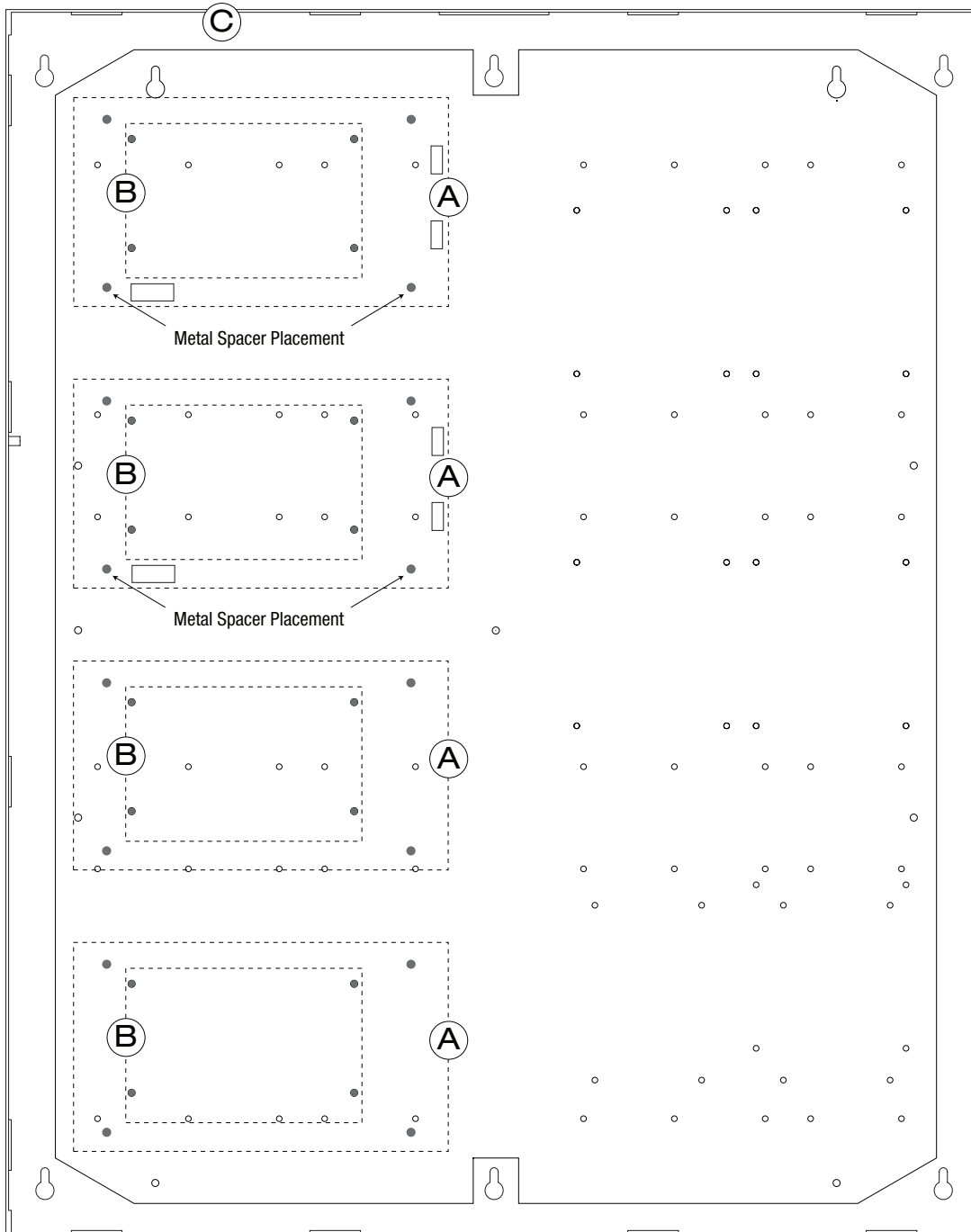
Altronix Power Supplies/Chargers				
Altronix	Pem Mounting	Input Rating	Output Rating	Refer to
AL400ULXB2	Ⓐ	115VAC, 60Hz, 3.5A	12VDC @ 4A or 24VDC @ 3A	ULXB Installation Instructions Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Instructions Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
eFlow4NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Instructions Rev. EFNB-021319
eFlow6NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Instructions Rev. EFNB-021319
eFlow102NB*		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Instructions Rev. EFNB-021319
eFlow104NB*		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Instructions Rev. EFNB-021319
Altronix Sub-Assemblies				
Altronix	Pem Mounting	Current Draw	Refer to	
ACM4(CB)	Ⓑ	12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Instructions Rev. 052819	
ACM8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACM8/ACM8CB Installation Instructions Rev. 031819	
MOM5		12-24VDC 55mA max.	MOM5 Installation Instructions Rev. 020119	
PD4UL(CB)		N/A	PD4UL Installation Instructions Rev. 020119	
			PD4ULCB Installation Instructions Rev. 020119	
PD8UL(CB)		N/A	PD8UL Installation Instructions Rev. 020119	
			PD8ULCB Installation Instructions Rev. 020119	
PD16W(CB)		N/A	PD16W/PD16WCB Installation Instructions Rev. 020119	
PDS8(CB)	N/A	PDS8/PDS8CB Installation Instructions Rev. 070116		
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Instructions Rev. 050517	
LINQ2*	Ⓒ	12-24VDC 100mA max.	LINQ2 Installation Instructions 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. 6*).
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. 6*) 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 Instructions listed in the *Sub-Assembly Position Chart, pg. 5* and *Trove Installation Guide, Rev. 101817*.
4. Fasten backplane to Trove2 enclosure utilizing lock nuts (provided).

Fig. 3



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. 7*).
2. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 4a, pg. 7*).
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)

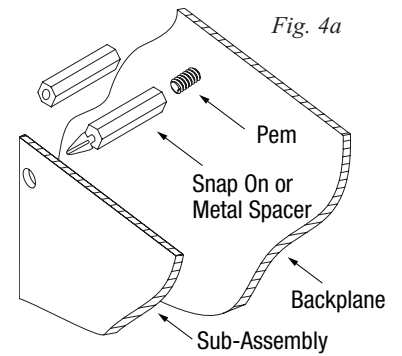
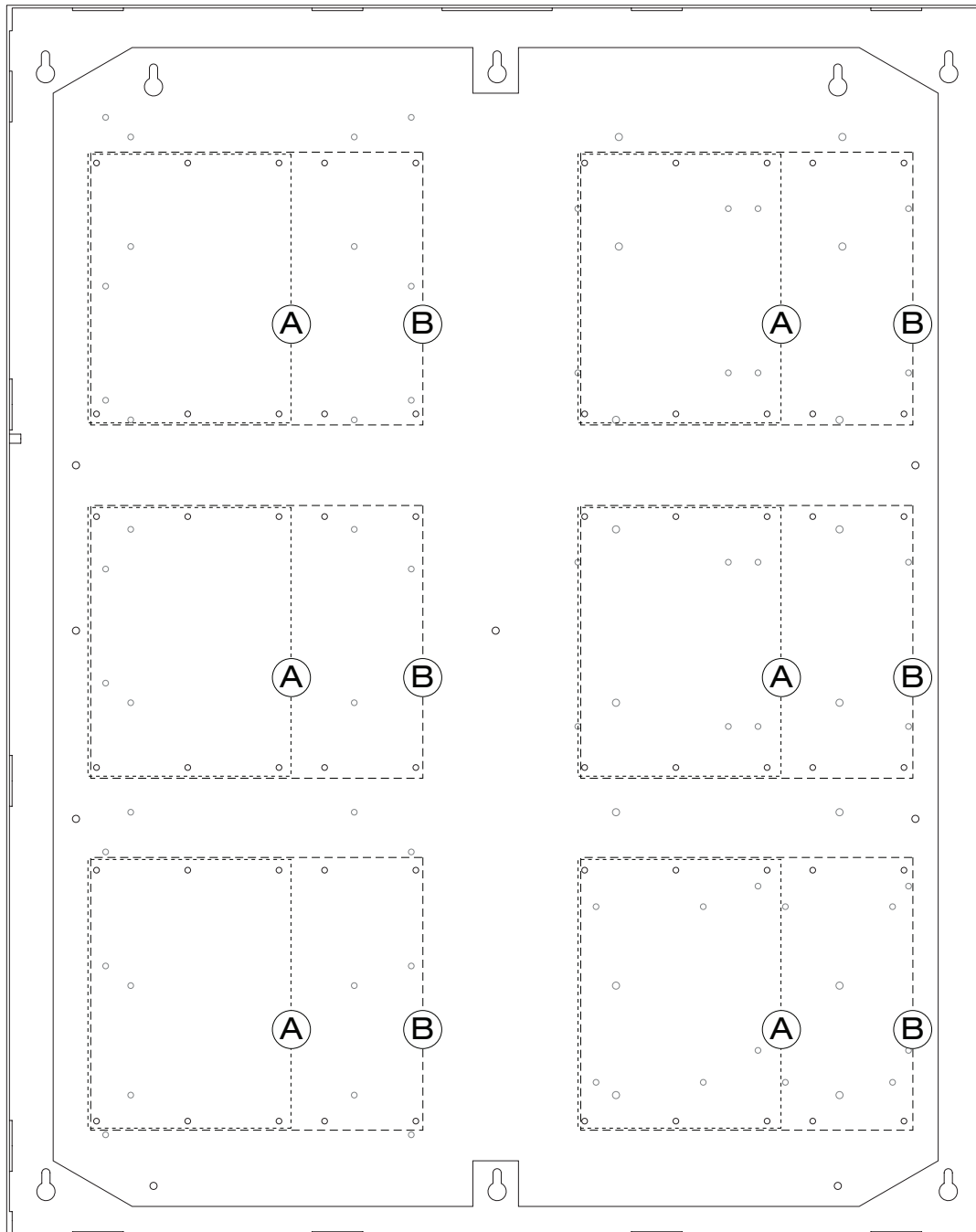


Fig. 4

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. 8).
- 2. Position access controller module over corresponding spacers and depress onto snap on spacers (Fig. 5a, pg. 8).
- 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.)

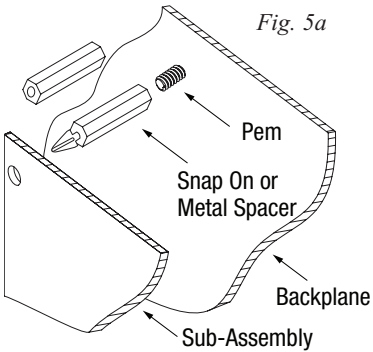
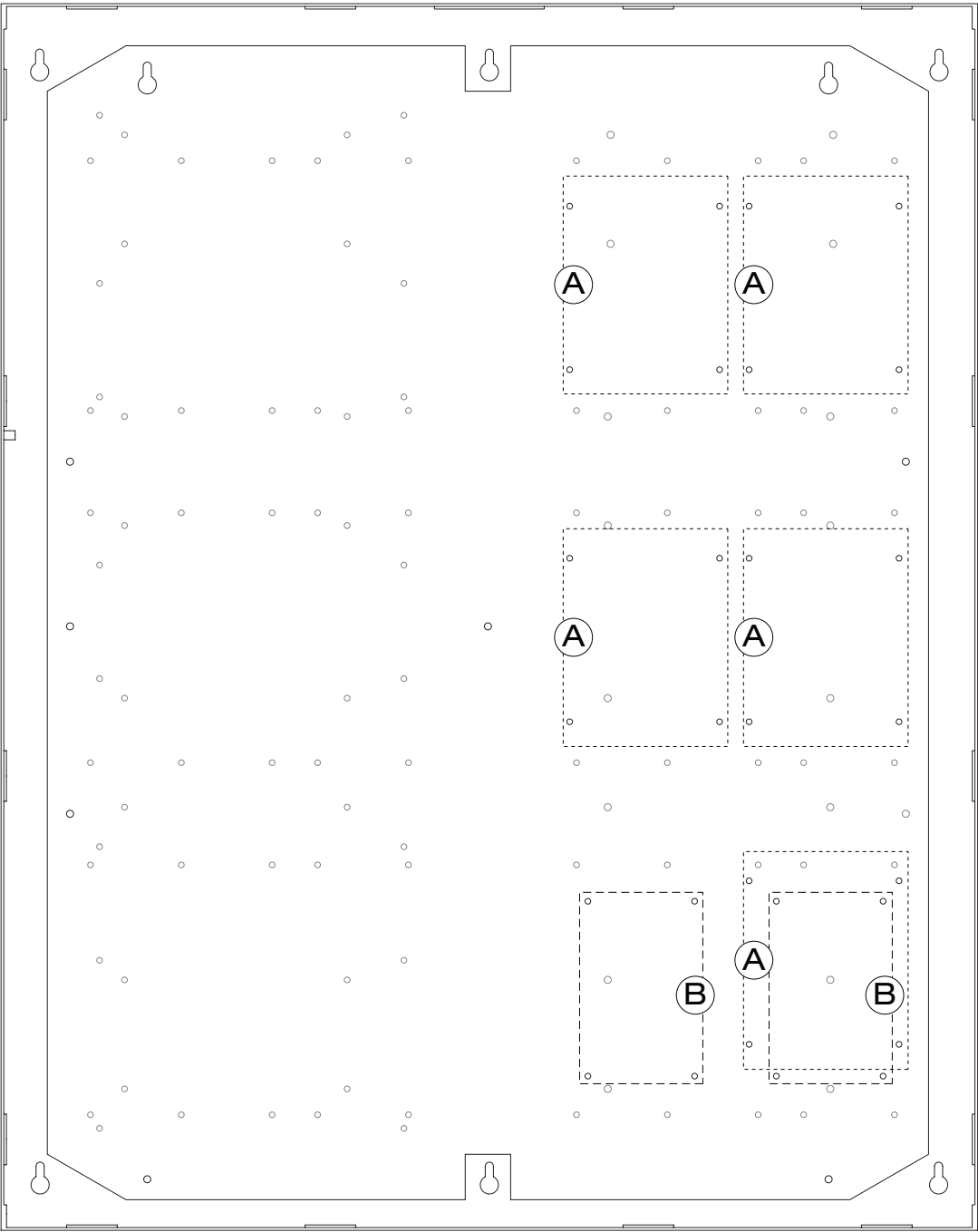


Fig. 5

Installation Instructions for Mercury/LenelS2 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. 9).
- 2. Position access controller module over corresponding spacers and depress onto snap on spacers (Fig. 6a, 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-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

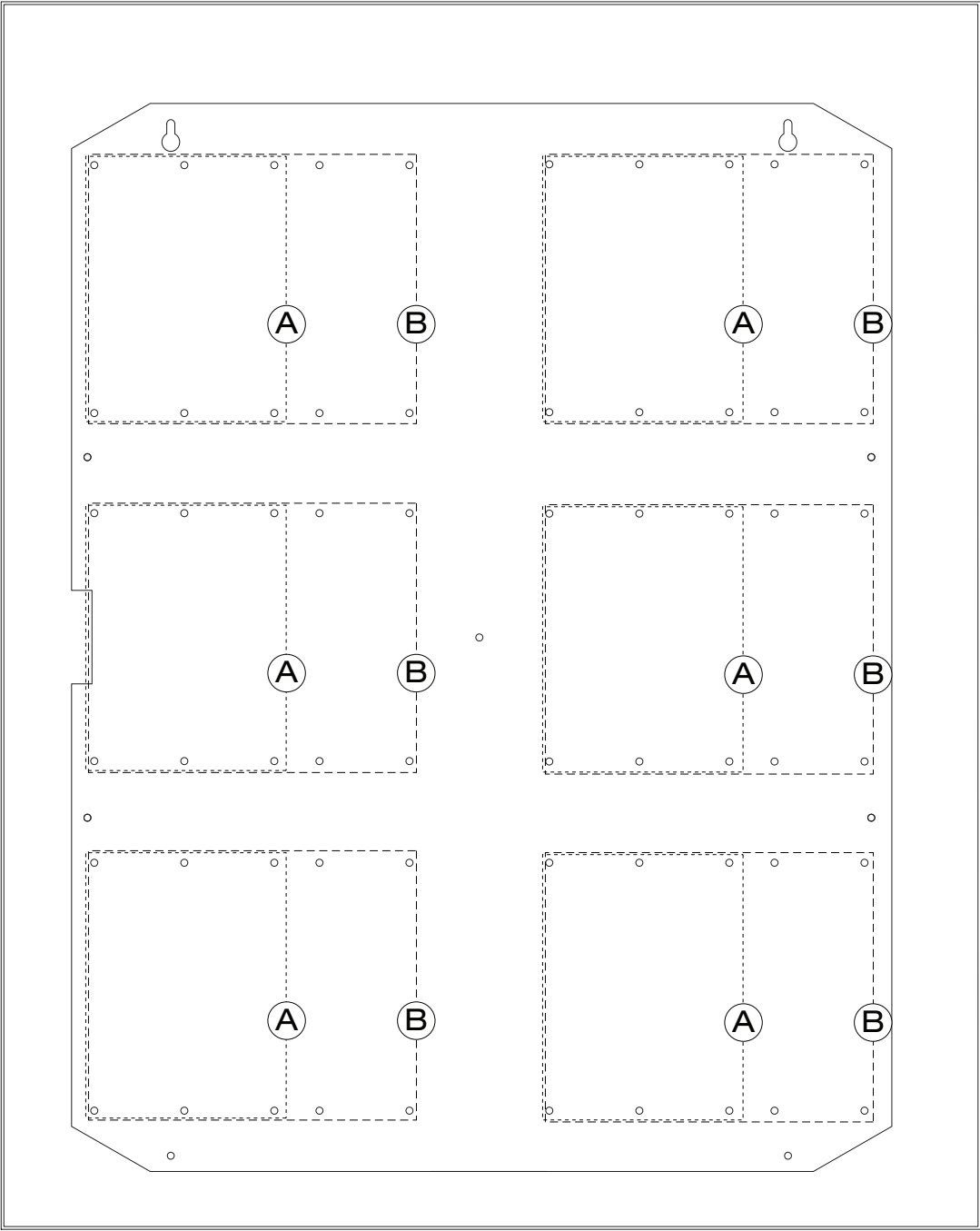
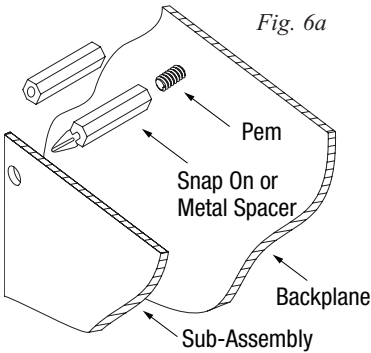


Fig. 6a



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 Instructions Rev. ULXB-020419
AL600ULXB		115VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	ULXB Installation Instructions Rev. ULXB-020419
AL1012ULXB		115VAC, 60Hz, 2.6A	12VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
AL1024ULXB2		115VAC, 60Hz, 4.2A	24VDC @ 10A	ULXB Installation Instructions Rev. ULXB-020419
eFlow4NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 4A	eFlow Installation Instructions Rev. EFNB-021319
eFlow6NB*		120VAC, 60Hz, 3.5A	12VDC or 24VDC @ 6A	eFlow Installation Instructions Rev. EFNB-021319
eFlow102NB*		120VAC, 60Hz, 3.5A	12VDC @ 10A	eFlow Installation Instructions Rev. EFNB-021319
eFlow104NB*		120VAC, 60Hz, 4.5A	24VDC @ 10A	eFlow Installation Instructions Rev. EFNB-021319

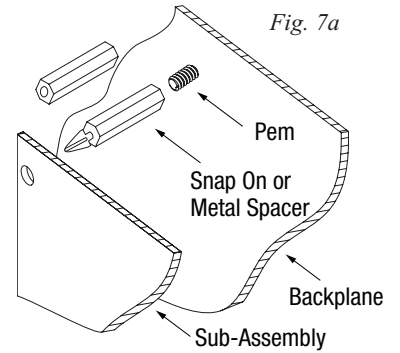
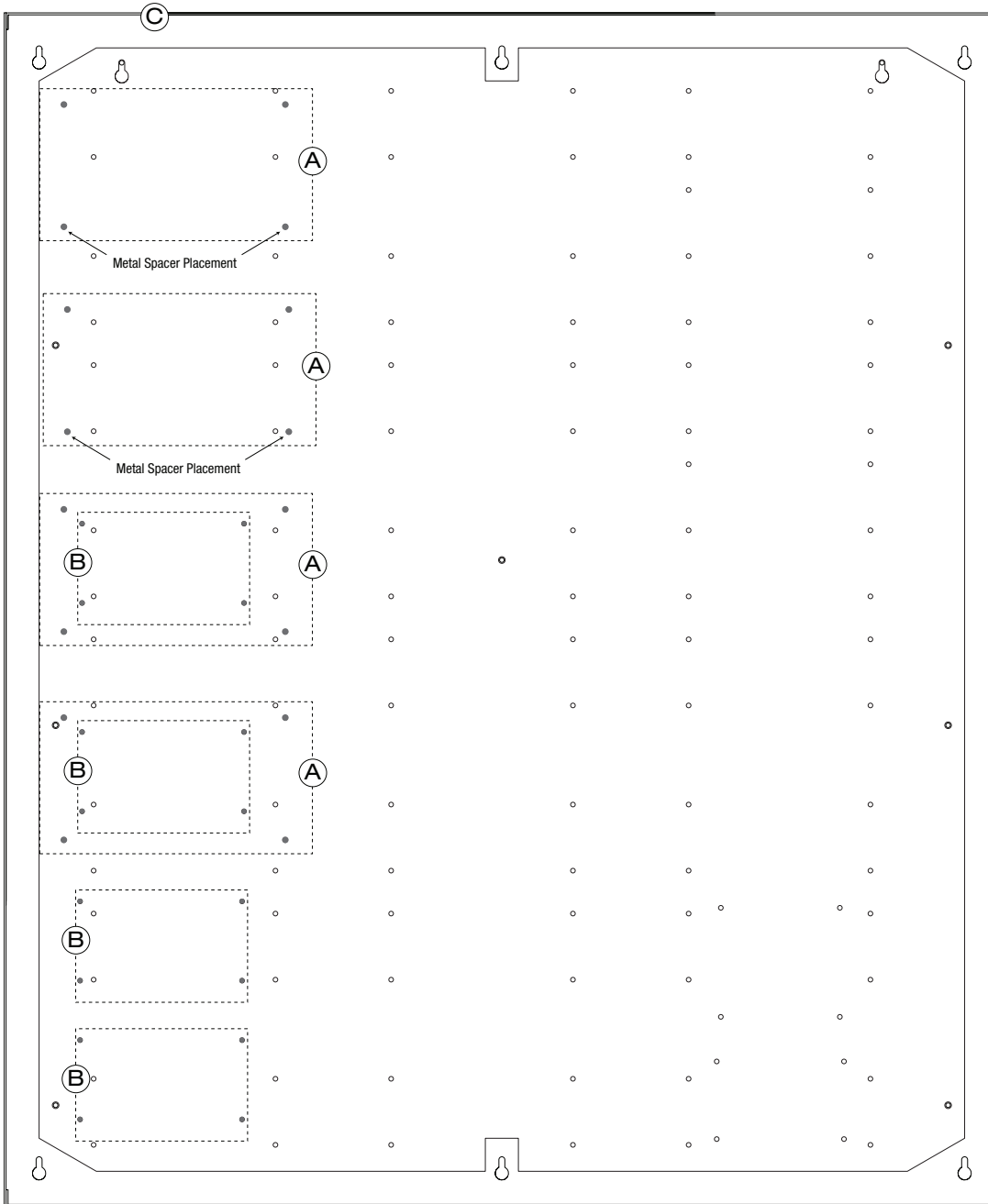
Altronix Sub-Assemblies			
Altronix	Pem Mounting	Current Draw	Refer to
ACM4(CB)	Ⓑ	12VDC @ 0.4A max. or 24VDC @ 0.2A max.	ACM4/ACM4CB Installation Instructions Rev. 052819
ACM8(CB)		12VDC @ 0.5A max. or 24VDC @ 0.3A max.	ACM8/ACM8CB Installation Instructions Rev. 031819
MOM5		12-24VDC 55mA max.	MOM5 Installation Instructions Rev. 020119
PD4UL(CB)		N/A	PD4UL Installation Instructions Rev. 020119 PD4ULCB Installation Instructions Rev. 020119
PD8UL(CB)		N/A	PD8UL Installation Instructions Rev. 020119 PD8ULCB Installation Instructions Rev. 020119
PD16W(CB)		N/A	PD16W/PD16WCB Installation Instructions Rev. 020119
PDS8(CB)		N/A	PDS8/PDS8CB Installation Instructions Rev. 070116
VR6		24VDC @ 1.75A or 3.5A (Output: 5VDC or 12VDC @ 6A)	VR6 Installation Instructions Rev. 050517
LINQ2*	Ⓒ	12-24VDC 100mA max.	LINQ2 Installation Instructions 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. 11*).
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. 11*) 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 Instructions listed in the **Sub-Assembly Position Chart, pg. 10** and **Trove Installation Guide, Rev. 101817**.
4. Fasten backplane to Trove3 enclosure utilizing lock nuts (provided).

Fig. 7



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. 12*).
2. Position access controller module over corresponding spacers and depress onto snap on spacers (*Fig. 8a, pg. 12*).
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	Ⓐ	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.)
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. 8

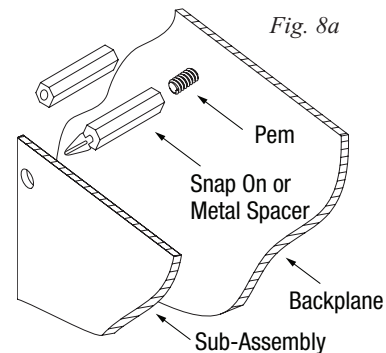
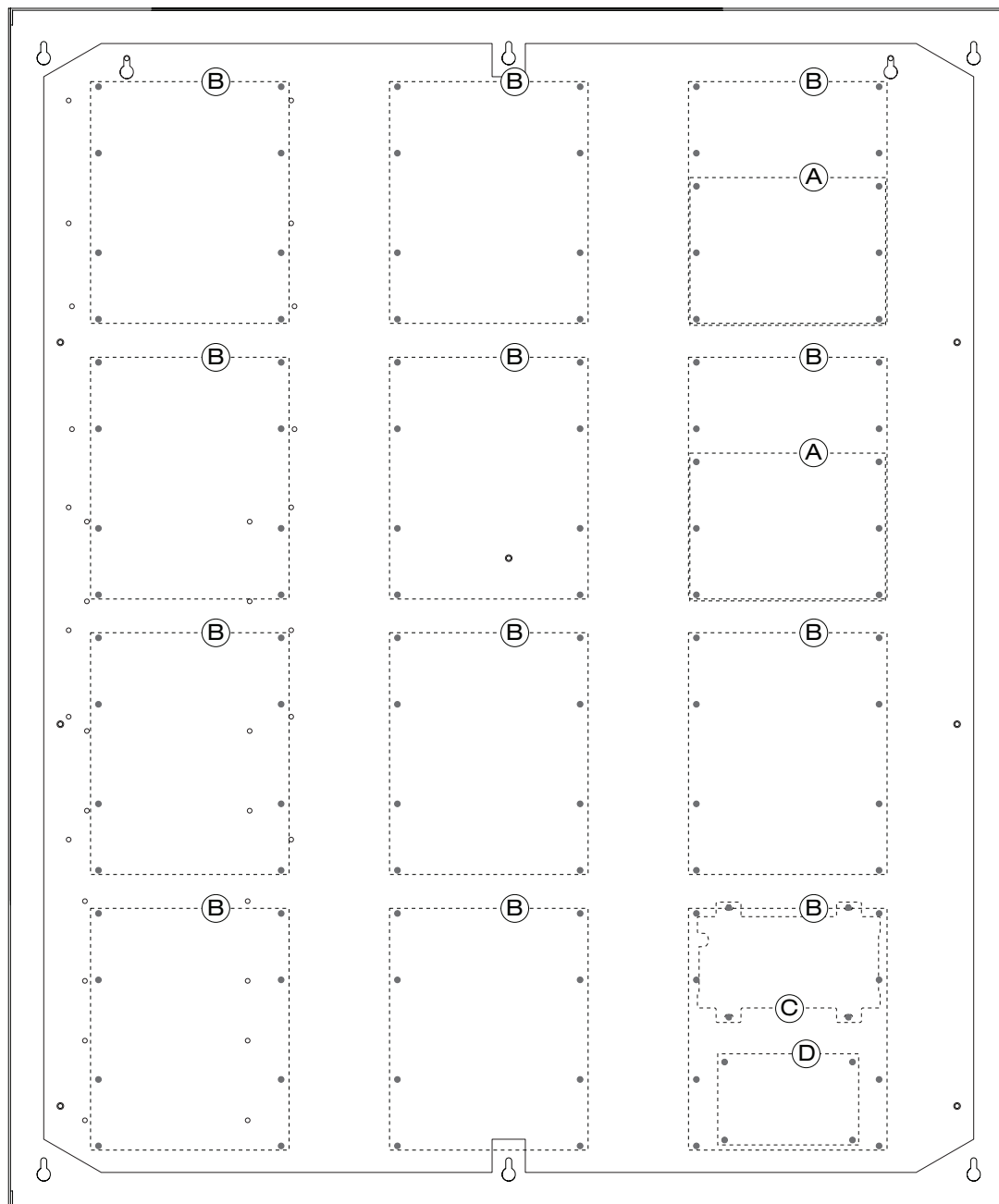
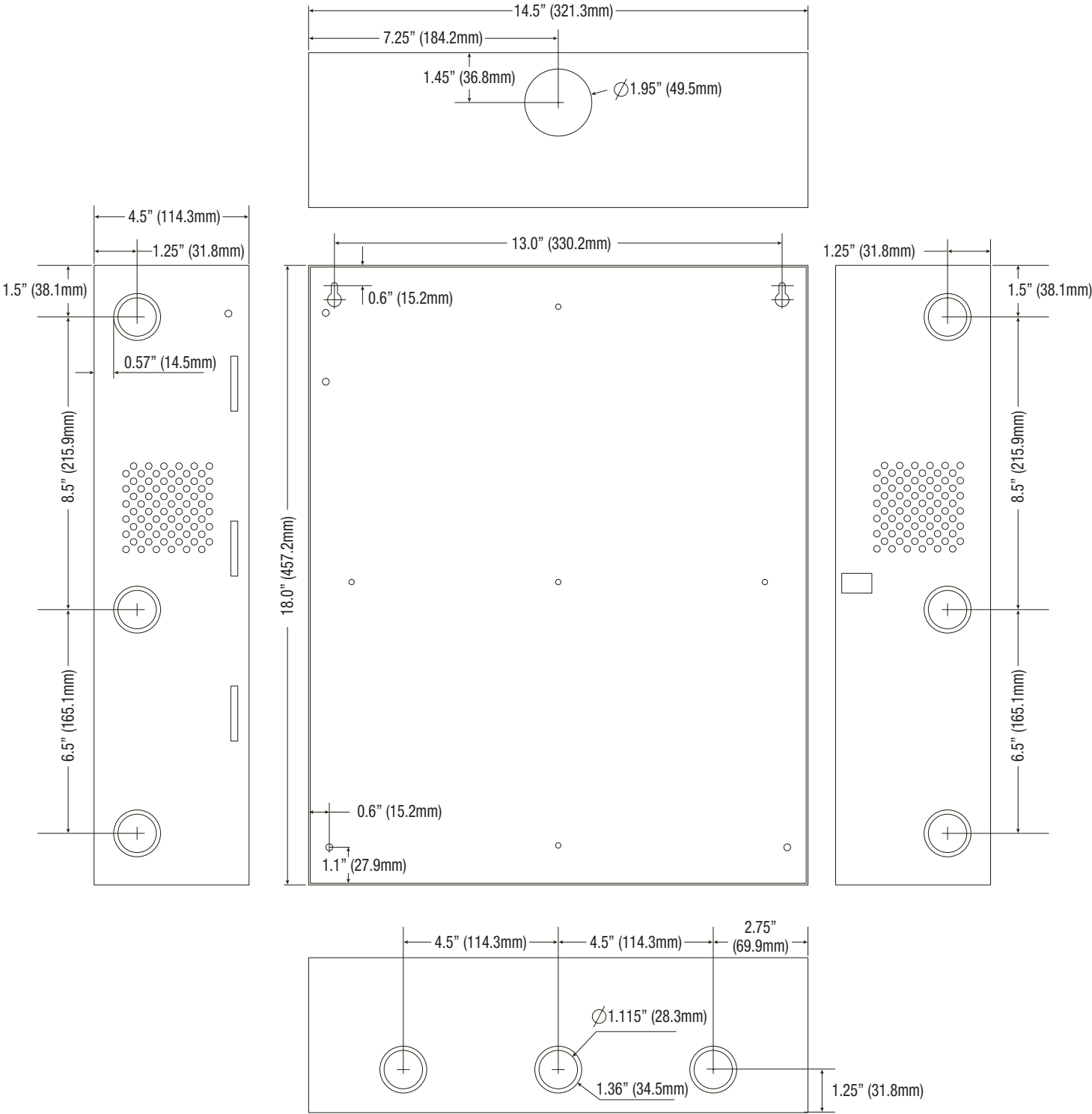


Fig. 8a

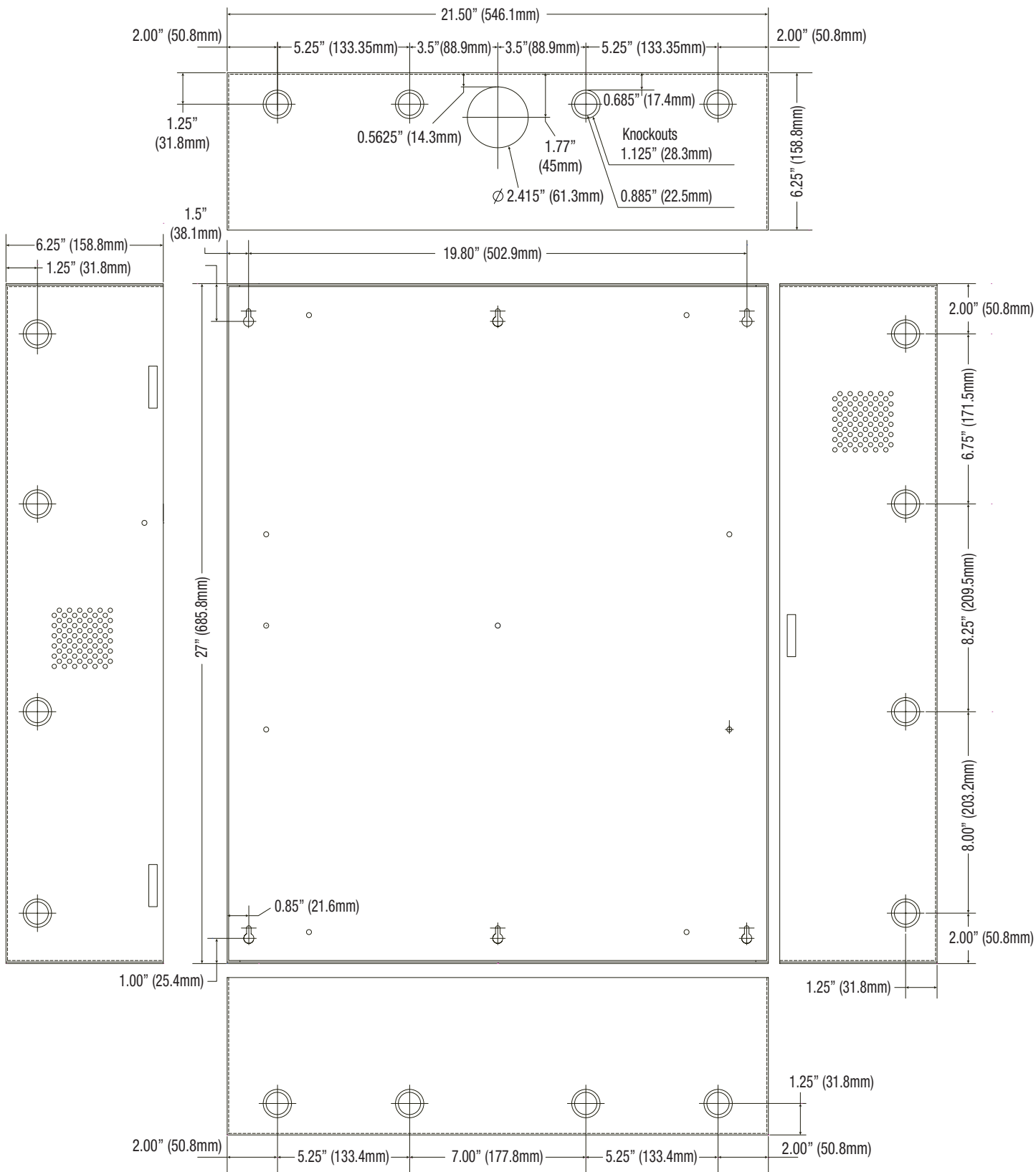
Notes:

Trove1 Enclosure Dimensions (H x W x D approximate):
 18" x 14.5" x 4.625" (457mm x 368mm x 118mm)



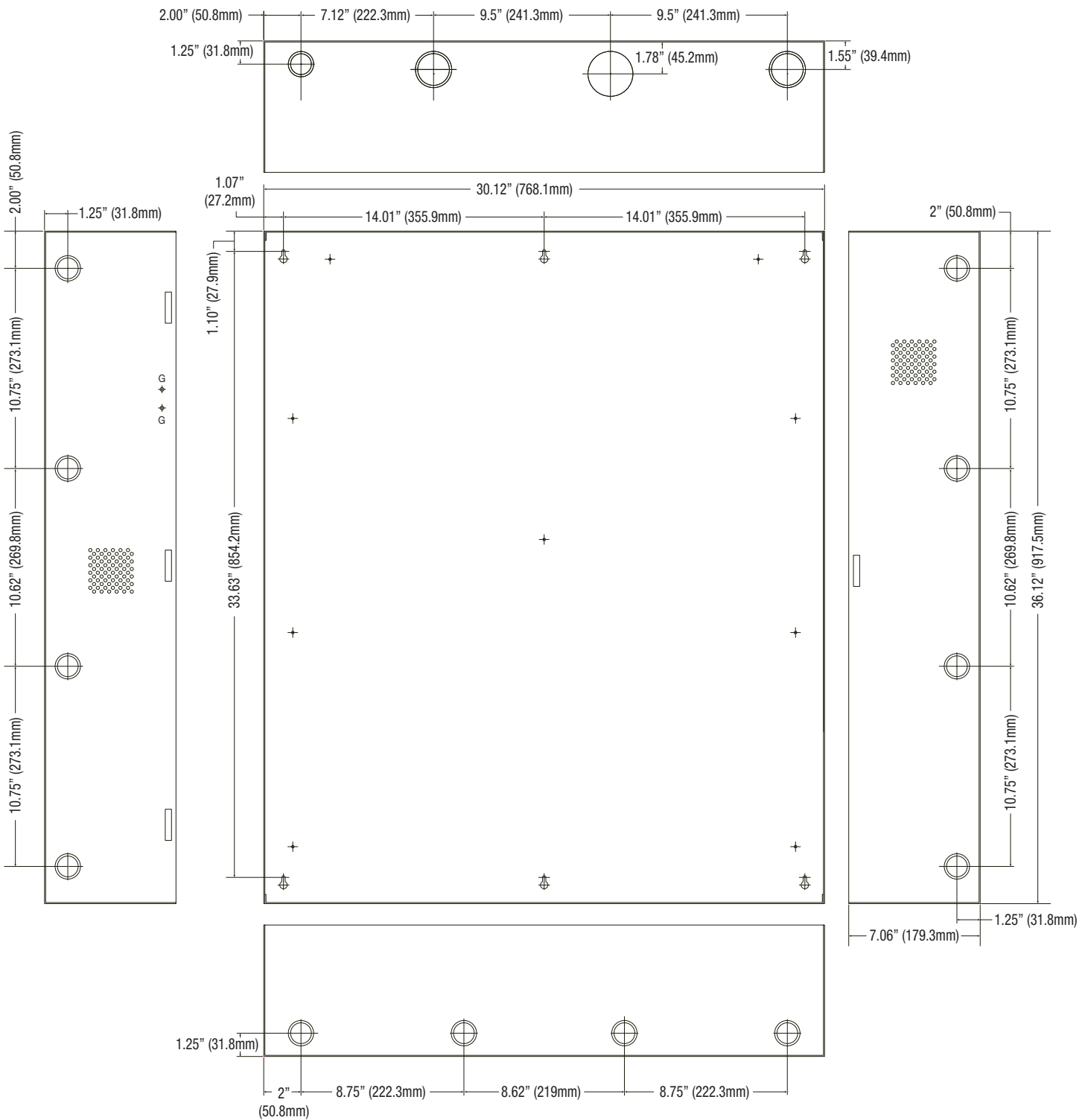
Trove2 Enclosure Dimensions (H x W x D approximate):

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



Trove3 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.

140 58th Street, Brooklyn, New York 11220 USA | phone: 718-567-8181 | fax: 718-567-9056

web site: www.altronix.com | e-mail: info@altronix.com | Made in U.S.A.

IIITrove Mercury/LenelS2

D08U