



Part No.	Description
E4M	Enclosure & backplate
E4M1	Enclosure, backplate & door mount
E4M2	Enclosure, door mount, no backplate

Overview

MCLASS multi-purpose enclosures offer maximum flexibility, functionality and savings to access system designers. MCLASS enclosures are engineered to house FlexPower® power management boards alongside access hardware in one compact, secure system.

To prevent damage to system electronics, the backplate separates from the enclosure for access hardware mounting in the shop while wiring is pulled to the enclosure at the job site. Once configured, the backplate can be re-mounted for final ties and checkout.

Features

- Mounts LSP power and access hardware in a variety of combinations
- Removable back plate simplifies job installation
- Logical mounting pattern for access and power
 - ◆ Hole pattern mounts LSP power boards
 - ◆ Stud pattern mounts access panels
- Mechanical refinements
 - ◆ 4.5" enclosure depth to accommodate battery
 - ◆ 19 Gauge steel with textured black finish
 - ◆ Lock and tamper switch standard
 - ◆ Size: 24H x 20W x 4.5D in
 - ◆ Weight: 20 lbs.

Flexible Backplate Mounting System

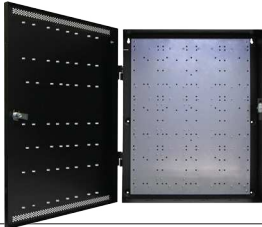
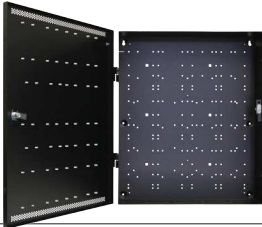


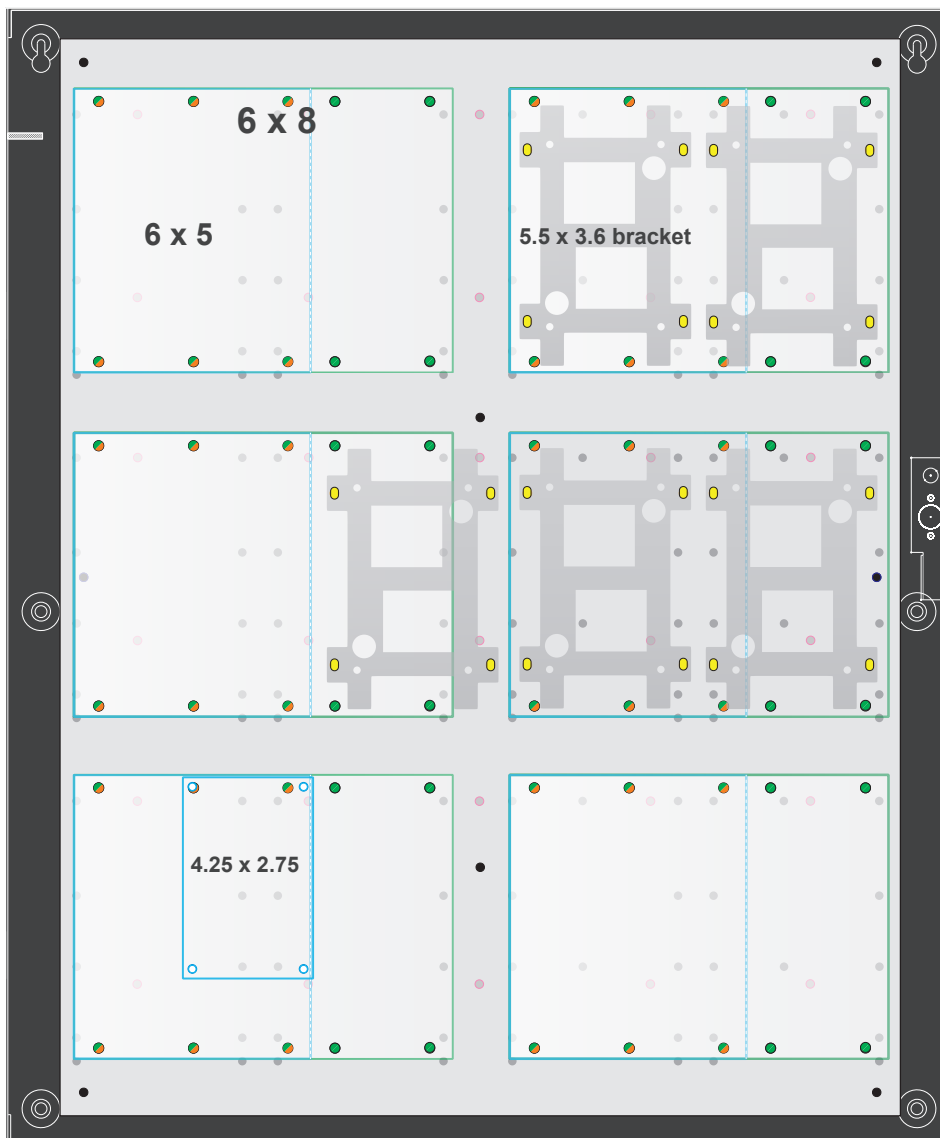
The E4M backplate is removable and mounts access hardware and FlexPower modules in a variety of combinations.

FlexPower components mount in predrilled hole patterns. Access panels mounts on a threaded stud pattern so as to preserve a visible difference between the two equipment mounting mechanisms.





A complete set of hardware is supplied for mounting access panels into the E4M MCLASS enclosure.

E4M, E4M1, E4M2 access mounting combinations

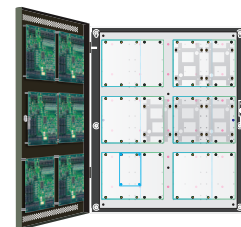
Panel Footprint	Model Number		Max fit with Power	Max all Access	E4M1 fits six more 6x8 on cover	E4M2 fits six 6x8 on cover only
4.25 x 2.75	MR50	LNL-1300	1	1		
5.5 x 3.6 (bracket)	EP1501	LNI-2210	5	5		
5.5 x 3.6 (bracket)	MR51e	no cross	5	5		
6 x 5	-	LNL-500	4	5		
6 x 5	EP2500	LNL-3300	4	5		
6 x 5	MUX-8	LNL-8000	4	5		
6 x 8	EP1502	LNL-2220	5	6		
6 x 8	MR52	LNL-1320	5	6		
6 x 8	MR16in	LNL-1100	5	6		
6 x 8	MR16out	LNL-1200	5	6		
6 x 8	-	LNL-2000	5	6		



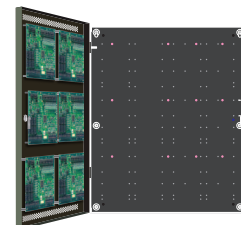
E4M MOUNTING PATTERN KEY

-  (6) slots 6 x 8 board size
-  (6) slots 6 x 5 board size
-  (5) slots 5.5 x 3.6 (bracket)
-  (1) slot 4.25 x 2.75 board size

E4M1 MOUNTS SIX MORE 6x8 TO DOOR

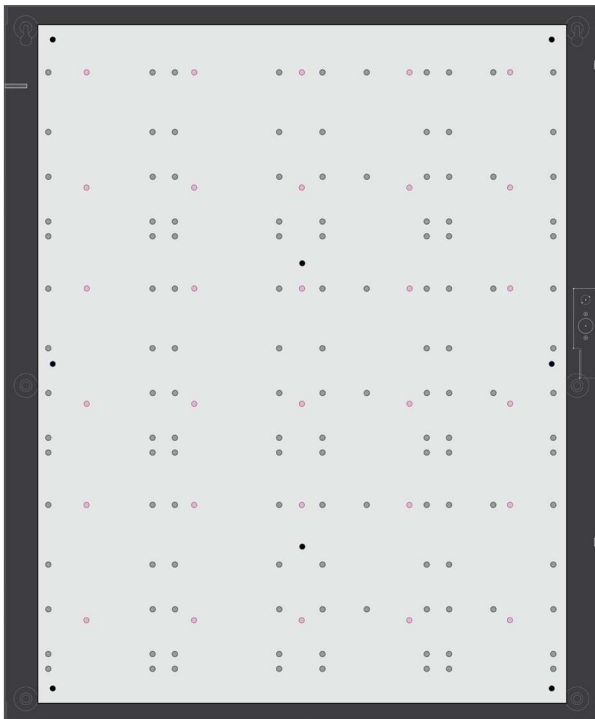


E4M2 MOUNTS 6x8 SIZE ON DOOR ONLY

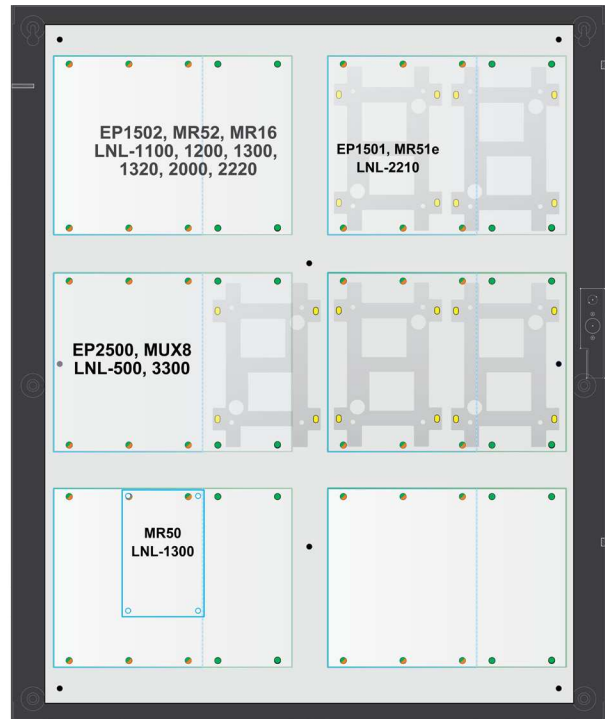


BACKPLATE MOUNTING PATTERNS

Hole pattern for FlexPower power modules

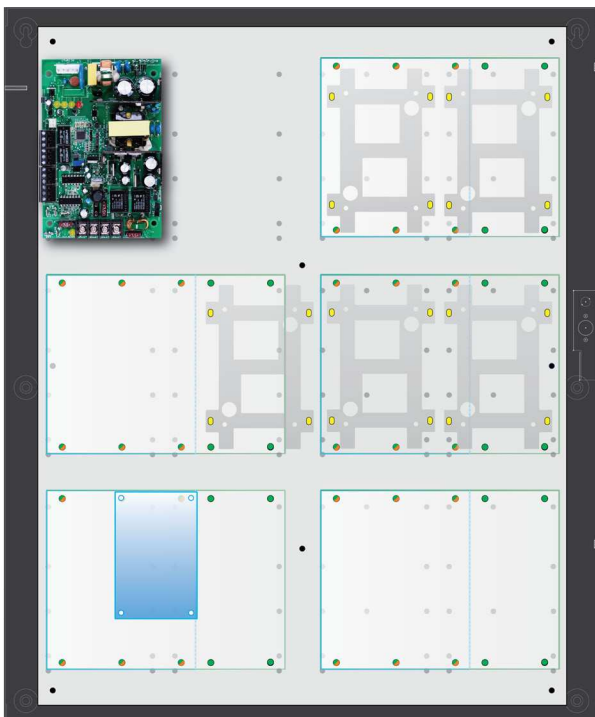


Stud pattern for Mercury access hardware

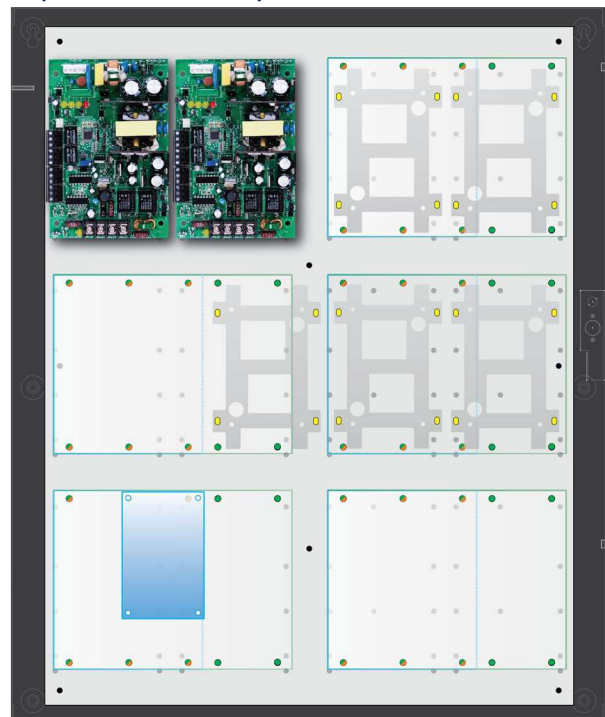


TYPICAL SYSTEM CONFIGURATIONS

Power and controllers

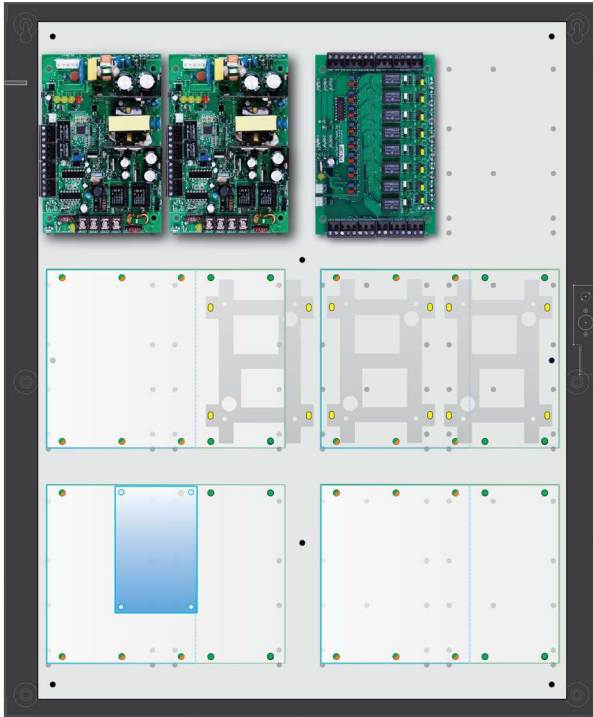


Independent 12 and 24VDC power

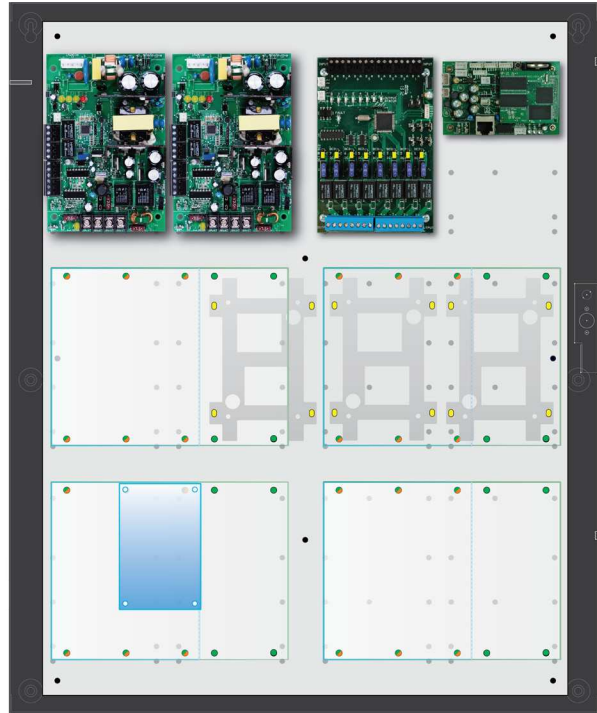


TYPICAL SYSTEM CONFIGURATIONS

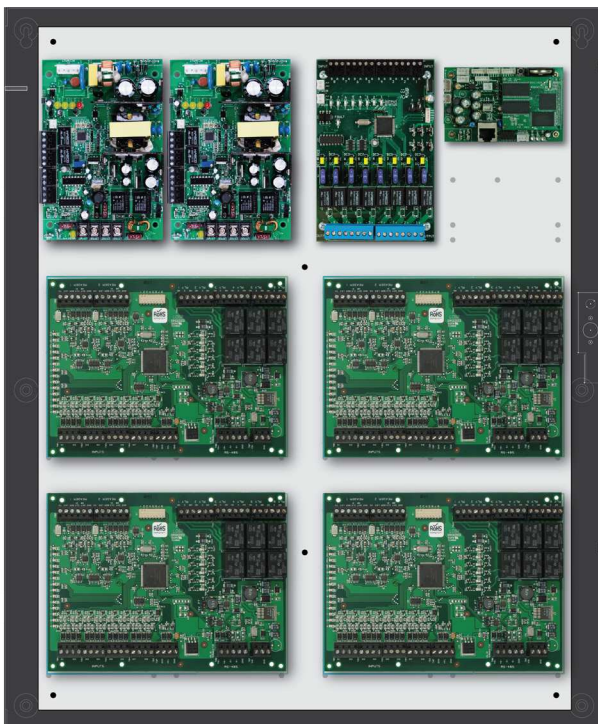
C8 lock board protects Mercury panels



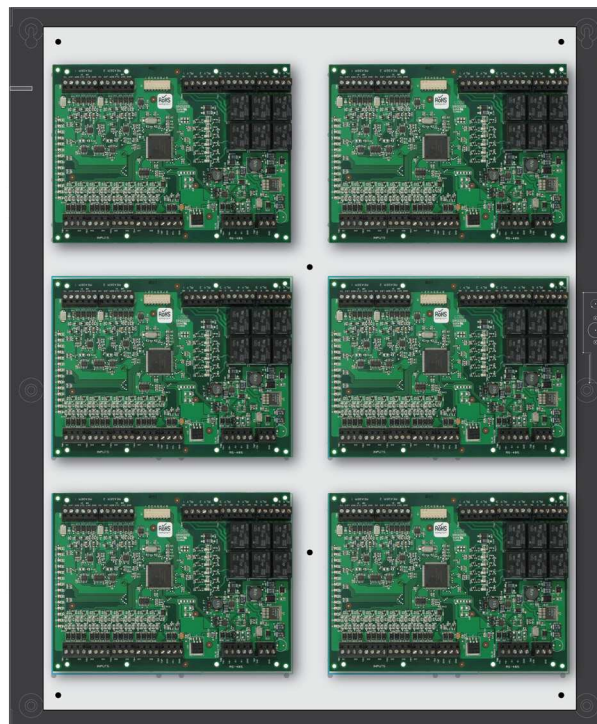
M8 managed lock board for protection AND remote monitoring



Remote monitored power - 8 doors



Fits up to six MR52 sized boards



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