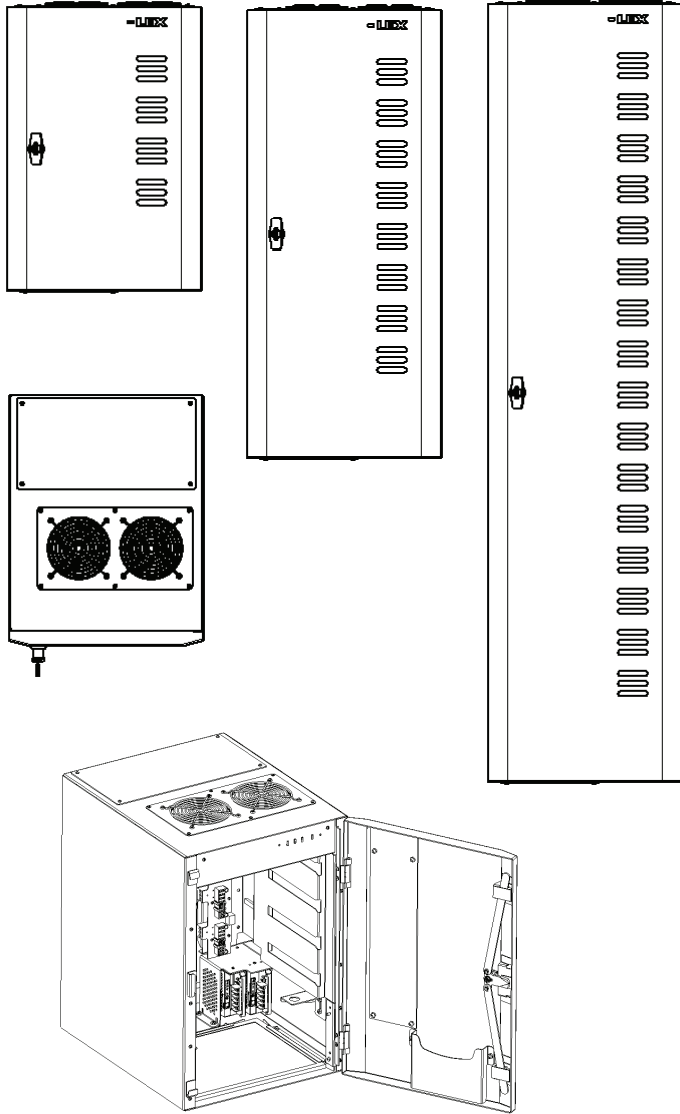


PCS TRIO™ Module Chamber (MC)



Catalog Number:

- PCS-I-A-MC-04
- PCS-I-A-MC-08
- PCS-I-A-MC-16

General Information:

Module Chambers are wall-mounted, dead front switchboards responsible for supporting up to sixteen PCS TRIO™ modules.

PCS TRIO™ represents a revolution in power management by controlling power to Incandescent Loads, LEDs, Moving Lights and other applicable equipment. The patent pending design of the PCS TRIO™ power architecture enables power control over the widest lighting schedule possible in a single panel.

See additional materials for detailed information.

Module Chambers are fully compatible with the entirety of the Lex Products PCS TRIO™ Module series of power control products.

Markets Served:

Entertainment, Architectural

Related Items

Model	Description
Modules	
PCS-A-MD-RRR	A-Series Module-Triple Single Pole Relay
PCS-A-MD-R2R	A-Series Module-(1) Single Pole Relay 120V 20A / (1) Double Pole Relay 240V 20A
PCS-A-MD-D2R	A-Series Module-(1) SCR Dimmer 120V 20A / (1) Double Pole Relay 240V 20A
PCS-A-MD-DRR	A-Series Module-(1) SCR Dimmer 120V 20A / (2) Single Pole Relays 120V 20A
PCS-A-MD-DDD	A-Series Module-Triple SCR Dimmers 120V 20A
PCS-A-MD-PPP	A-Series Module-Plenum
Chamber Controller	
PCS-I-CC	Chamber Controller Module

See individual datasheets for details

PCS TRIO™

- Revolutionary new panel merges the power regulation of LEDs, moving lights and incandescents into a single unit
- Significant convenience and cost-efficiency is achieved through reductions in the installation of cabling and conduit
- Patent-pending bussing design provides all phases of power at each module location

PCS TRIO™ Module Chamber (MC)



Mechanical

- Module Chambers are designed for wall mounting to ensure a diversity of placement location options.
- Module Chambers are available in three (3) sizes: four (04), eight (08) and sixteen (16) modules.
- Module chambers are manufactured using 14-gauge formed steel and powder-coated steel panels. All non-plated rack components are treated, primed and finished using a fine texture, scratch resistant, powder coating.
- The Module Chamber is capable of being mounted as a separate component to facilitate landing of conduit and pulling of cabling.
- Module Chambers ship from the factory ready for installation.
- Service wiring lugs are located in the module chamber for hot, neutral, and ground. Service lugs accept a maximum of 350MCM (185 mm²) wire.
- The Module Chamber carries a minimum fault current protection rating of 100,000 AIC.
- Load wiring terminals located in the panel for line connections are clearly marked with the slot designation and accept a maximum #10 AWG (5.26mm²) wire.
 - All loads require dedicated neutrals.
- Load wiring blocks for neutral and ground accept up to a #4 AWG (21.10 mm²) wire.
- With modules removed the Module Chamber provides access to line terminals, load terminals and control electronics.

- Module Chambers may be placed directly next to one another to facilitate 'soft-bussing' between panels.
- The Module Chamber functions without noticeable affect within an ambient temperature range of 32° F to 104° F (0° C to 40° C).
- The Module Chamber has an air filter incorporated at the bottom of the compartment. Filters are removable for cleaning and/or replacement only when the module chamber door is open.
- A lockable front door on the module chamber provides secure access while allowing easy insertion and removal of all modules. The front door prevents, while closed, incidental removal of modules as well as configuration modification.

Electrical

- The module chamber operates at a nominal voltage of either 208Y/120 VAC 3-phase, 4-wire plus ground or 240/120 VAC single phase, 2 wire plus ground at 60Hz.
 - Switching between voltage types is possible in the field.
- Units are capable of operating within a range of 90 to 280 VAC at 50 to 65Hz.

Recognition

- Module Chambers are cULus Listed.

Module	Height		Width		Depth		Weight	
	Height	Height	Width	Width	Depth	Depth	Weight	Weight
PCS-I-A-MC-04	21.50"	54.61 cm	14.50"	36.83 cm	19.85"	50.35 cm	92.00 lbs.	41.73 kg
PCS-I-A-MC-08	34.00"	86.36 cm	14.50"	36.83 cm	21.85"	55.50 cm	110.00 lbs.	49.89 kg
PCS-I-A-MC-16	58.50"	148.59 cm	14.50"	36.83 cm	21.85"	55.50 cm	145.00 lbs.	65.77 kg



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