

SWARCO

McCain 336L CONTROLLER CABINET



The McCain 336L Controller Cabinet is a versatile cabinet that meets all Caltrans and Federal Highway Administration requirements. It has convenient access to all interior assemblies and is compatible with 170 or 2070 controllers. The McCain 336L cabinet shares many of the features of larger cabinets but with the added benefit of its small and compact design. This versatile cabinet can be either base, pedestal, or pole mounted.



KEY BENEFITS

- Provides versatility and flexibility for intersection planning
- Offers energy saving power supply
- Eliminates dangerous mercury contactor with safe, solid state relay
- Assures interchangeability between manufacturers by using standard assemblies
- Allows for a variety of mounting positions that increase flexibility and options for intersection design

PRODUCT DESCRIPTION

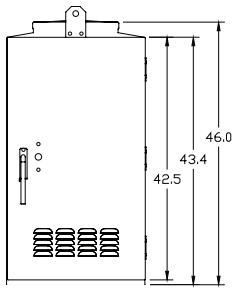
The McCain 336L Controller Cabinet provides a unique advantage over its larger counterparts through its compact and versatile design. This cabinet can house all of the equipment necessary to control an eight phase, four pedestrian operation with two overlaps while still offering flexible mounting options.

The cabinet's 12 load switch positions can all be programmed ("Yellow/Red", "All Red", or "No Flash") and a police panel comes standard with "On/Off" and "Auto/Flash" switches. This cabinet also features two railroad and four emergency vehicle preemption inputs, provides 16 detector channels, and is compatible with two-channel or four-channel detectors.

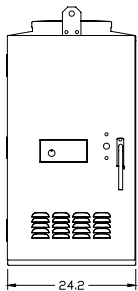
The cabinet's high-efficiency power supply saves an average of 267 kWh of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint. The cabinet also eliminates the use of toxic mercury.

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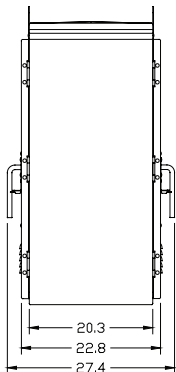
FRONT



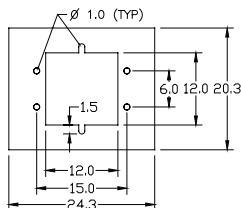
BACK



SIDE



BOTTOM



STANDARD FEATURES

- 8-phase, 4-pedestrian operation (2 overlaps)
- 16 detector channels¹
- 2-channel or 4-channel industry standard detection modules
- Railroad preemption inputs, AC isolation (2)
- Emergency vehicle preemption inputs (4)
- Solid state relay (SSR) (Mercury Contactor replacement)
- SSR Fault Indicator Light
- Relay safety feature²
- Programmable “Yellow/Red”, “All Red” or “No Flash” through the use of flash plugs
- DC isolation inputs for pedestrian push buttons and special functions
- 210 Signal Monitor slot
- Main power circuit breaker (30A) on service panel
- Transient voltage & surge suppression filter

ASSEMBLIES AND COMPONENTS

- 14-position input file
- 12-position output file
- Model PDA-2L Power Distribution Assembly
- Model 206L power-saving, high-efficiency power supply
- Flash transfer relay sockets (4)
- Dual-circuit flasher positions (2)
- Input panel
- Service panel
- Police panel with signal “On/Off” and “Auto/Flash” switches

GENERAL SPECIFICATIONS

Dimensions ³ :	24"W x 46"H x 20"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes ⁴ :	Natural, anodized, or powder coated
Door:	Front door (1), back door (1), all full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel with padlock hasp
Door Stops:	90° and 180° (±10°), each door, bottom
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan, louvered air intake in door, pleated filter
Mounting:	Base, pole or pedestal mounted
Shipping Weight ⁵ :	265 lbs

OPTIONS

- Mounting equipment: anchor bolts for base mounting (4), brackets for side pole mounting, and hardware for pedestal mounting
- Auxiliary output file

¹Per left turn, 3 per through movement

²Interrupts 24 VDC control to the load switches if the SSR fails during a flash condition

³Dimensions rounded to the nearest inch

⁴Powder coated options include standard, anti-graffiti, and custom colors

⁵Without plug-ins or controller(s)