

SWARCO

McCain 332L CONTROLLER CABINET



The McCain 332L Controller Cabinet is an enhanced version of the 332 industry standard cabinet. The eco-friendly McCain 332L Cabinet is designed in full compliance with the 2009 Caltrans Transportation Electrical Equipment Specifications (TEES). The cabinet's rugged design combined with SWARCO McCain, Inc.'s stringent manufacturing standards make it an excellent solution for traffic control when environmentally friendly, dependable, and low-maintenance installation is required.



KEY BENEFITS

- Provides dependability with rugged construction
- Assures interchangeability between manufacturers with standard assemblies
- Provides easy access to the cabinet's large interior
- Offers a 3-point latching system for maximum security
- Reduce the effects of vandalism with anti-graffiti coating

PRODUCT DESCRIPTION

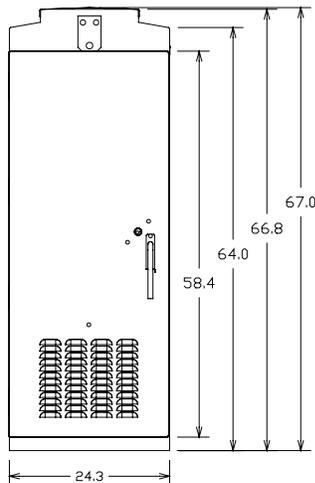
The McCain 332L Controller Cabinet is designed to house 170 or 2070 controllers. This robust cabinet is constructed from marine-grade aluminum and is accessed via front and back doors making it durable and easy to maintain. The cabinet comes equipped with industry standard features such as a 19-inch EIA rack, two 14-position input files, and a 12-position output file.

This cabinet offers an eight-phase, four-pedestrian operation with two right turn overlaps. Its 36 detector channel capability can be utilized with two-channel or four-channel detector modules. The McCain 332L Controller Cabinet also features a PDA #2L Power Distribution Assembly with a solid state relay instead of a mercury contactor and a 206L switching power supply.

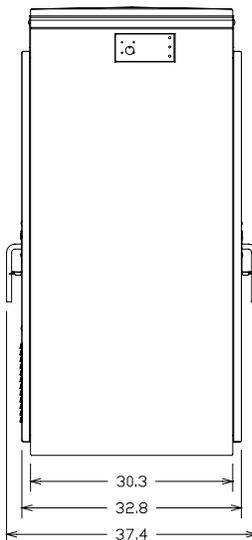
The cabinet's high-efficiency power supply saves an average of 267 kW h of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

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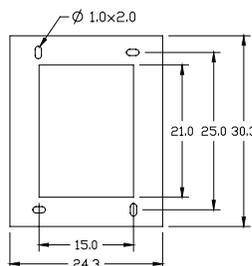
FRONT



SIDE



BOTTOM



STANDARD FEATURES

- 8-phase, 4-pedestrian operation¹
- 36 detector channel capability²
- 2-channel or 4-channel industry standard detection modules
- Railroad (2) and emergency vehicle (4) preemption inputs
- Solid state relay (SSR) (Mercury Contactor replacement)
- SSR Fault Indicator Light
- Relay safety feature interrupts 24 VDC control to the load switches if the SSR fails during a flash condition
- Programmable “Yellow/Red” or “All Red” flashes
- DC isolation inputs for pedestrian pushbuttons and special functions
- 210 Signal Monitor Slot
- Main power circuit breaker (30A) on service panel
- Transient voltage and surge suppression filter
- Drawer/shelf combination

ASSEMBLIES AND COMPONENTS

- 14-position input files (2)
- 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 sockets (2)
- Input panel
- Service panel
- Police panel with signal “On/Off” and “Auto/Flash” switches

GENERAL SPECIFICATIONS

Dimensions ³ :	24"W x 67"H x 30"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes ⁴ :	Natural, anodized, or powder coated
Door:	Front (1), back (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 (2)
Ventilation:	Thermostatically controlled 100 CFM fan (1), louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight ⁵ :	258 lbs

OPTIONS

- 3/4" x 16" anchor bolts for mounting (4)
- Fluorescent light(s)
- Underwriters Laboratories Listing (cabinet housing)

¹Two right turn overlaps available

²Three per left turn, six per through movement

³Dimensions rounded to the nearest inch

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

⁵Without plug-ins or controllers(s)