

332L Controller Cabinet



Cabinets

Controllers

Signals

Signs

Software

Specialty

Overview

McCain's 332L Controller Cabinet, an enhanced version of the 332 industry standard cabinet that is eco-friendly and energy efficient, meets the industry standard 170/2070 style cabinet specifications designed for controlling intersections. In full compliance with the 2009 Caltrans Transportation Electrical Equipment Specifications (TEES), the quality materials used and its rugged construction make it an excellent traffic controller cabinet when an environmentally friendly, dependable, and low-maintenance installation is required to control traffic signals. The 332L's green design reduces energy consumption through the use of a power-saving, high-efficiency power supply and eliminates the use of the harmful toxin mercury.

Benefits

- Rugged and dependable industry standard cabinet
- Power components meet lower power specifications
- Standard assemblies assure interchangeability between manufacturers
- Full size doors (front and back) provide easy access to the cabinet's large interior
- Three-point latching system with industry standard locks for maximum security
- Available anti-graffiti coating reduces the effects of vandalism

Product Description

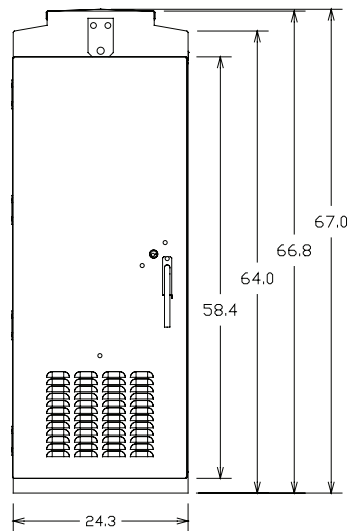
The McCain 332L Controller Cabinet is designed to house the 170 or 2070 controllers. This robust cabinet is constructed from marine-grade aluminum and is accessed via front and back doors making it durable and easily maintained. The cabinet comes equipped with industry standard features such as a 19-inch 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 332L also features a PDA #2L Power Distribution Assembly with a solid state relay instead of a mercury contactor and a 206L switching power supply.

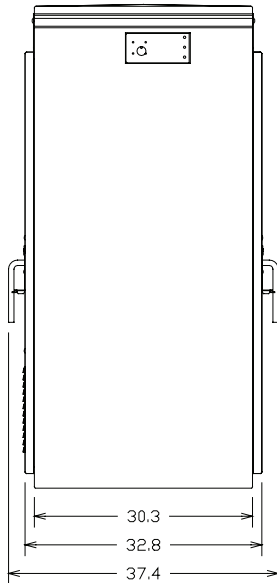
The cabinet's high-efficiency power supply saves an average of 267kWh of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

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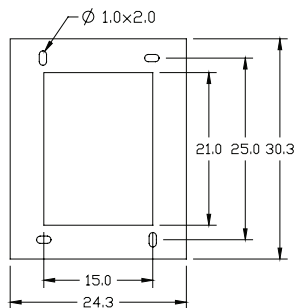
Front



Side



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- 8-phase, 4-pedestrian operation (2 right turn overlaps available)
- 36 detector channel capability (3 per left turn, 6 per through movement)
- 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 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
- Drawer / shelf combination

Assemblies

- 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:	67" H x 24"W x 30" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, powder coat (standard, anti-graffiti, and custom colors), anodized
Access:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel, with padlock feature
Door Stops:	90° (±10°), each door, top 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 mounted
Shipping Weight:	258 lbs without plug-ins or controller(s)

Options

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

To learn more about McCain's Integrated Traffic Solutions, please contact info@mccain-inc.com or call (760) 727-8100



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