

SWARCO

# McCain 333L CONTROLLER CABINET



The McCain 333L Cabinet combines an ITS 340-style cabinet with Caltrans approved 170/2070 electronics. This cabinet meets ITS Cabinet Requirements v01.02.17b, as well as the intent of Caltrans TEES 2009, for 33xL Cabinets. The McCain 333L cabinet provides ample space for numerous applications, and convenient modularity for a flexible control system. In addition to traffic control, McCain 333L's advanced design is applicable to sign control, closed-circuit TV (CCTV), ramp meters, communications hubs, and high-occupancy vehicle systems.



## KEY BENEFITS

- Ideal for all 170/2070 applications including traffic control, CCTV, communications hubs, and more
- Meets lower power specifications with provided power components
- Compatible with NEMA P and R cabinet foundations
- Assure interchangeability with standard assemblies between manufacturers
- Offers additional space for UPS and ITS applications and a second 19" EIA rack
- Provides easy access to cabinet's large interior through double doors (front and back)
- Reduce the effects of vandalism with anti-graffiti coating

## PRODUCT DESCRIPTION

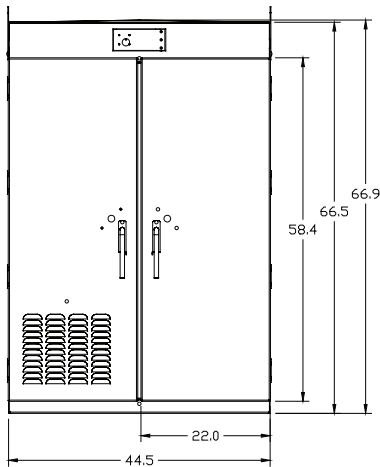
The McCain 333L cabinet, designed to accommodate 170 or 2070 controllers and cabinet assemblies and still maintain the footprint of the NEMA P and R cabinets, has two industry-standard Electronics Industry Alliance (EIA) 19" racks housed in an ITS 340-style cabinet.

The cabinet comes equipped with two 14-position input files, and a 12-position output file, offering an 8-phase, 4-pedestrian operation with two right turn overlaps. Its 36 detector channel capability can be utilized with 2-channel or 4-channel detector modules. The McCain 333L also features a PDA #2L Power Distribution Assembly with a solid state relay instead of a mercury contactor and a 206L switching power supply.

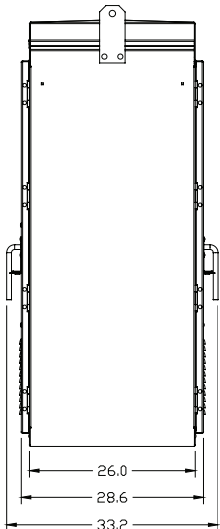
The cabinet's high-efficiency power supply saves an average of 267 kWh of electricity per cabinet, per year<sup>1</sup>. This cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

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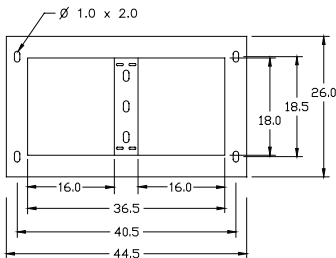
FRONT



SIDE



BOTTOM



## STANDARD FEATURES

- 8-phase, 4-pedestrian operation<sup>2</sup>
- 36 detector channel capability<sup>3</sup>
- 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 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
- Lights, LED

## 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 <sup>4</sup> :	45"W x 67"H x 26"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes <sup>5</sup> :	Natural, powder coated, anodized
Door:	Front doors (2), back doors (2), 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, top
Rack Assembly:	Removable 19" EIA rack (2)
Ventilation:	Thermostatically controlled 100 CFM fans (2), louvered air intake in door, pleated filter
Mounting <sup>6</sup> :	Base mounted
Shipping Weight <sup>7</sup> :	368 lbs

## OPTIONS

- 3/4" x 18" anchor bolts for mounting (4)

<sup>1</sup>Based on a 50% load

<sup>2</sup>Two right turn overlaps available

<sup>3</sup>Three per left turn, six for movement

<sup>4</sup>Dimensions rounded to the nearest inch

<sup>5</sup>Powder coated options include standard, anti-graffiti, and custom colors

<sup>6</sup>Fits NEMA standard P and R foundations

<sup>7</sup>Without plug-ins or controller(s)