332 Controller Cabinet

332A Panel Termination
332B Panduit Ducts
332S Stretch

Overview

McCain's 332 Controller Cabinet is an industry standard 170/2070 style cabinet. Meeting all Federal Highway Administration (FHWA) and Caltrans Transportation Electrical Equipment Specifications (TEES) and Caltrans Traffic Signal Control Equipment Specifications (TSCES) specifications, the quality materials used and its rugged construction make it an excellent traffic controller cabinet when dependable and low-maintenance installation is required. Its 19-inch Electronics Industry Alliance (EIA) rack and modular design allow for the easy interchange of standard assemblies and components.

Benefits

- Rugged and dependable industry standard cabinet
- 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
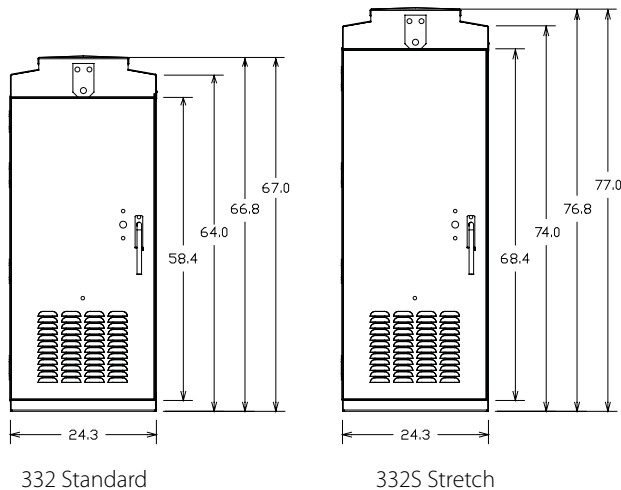- Available anti-graffiti coating reduces the effects of vandalism

Product Description

The McCain 332 Controller Cabinet is designed to house the 170 or 2070 controllers. This robust cabinet is constructed from marine-grade aluminum and is accessed via a front and back door 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.

The standard 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.
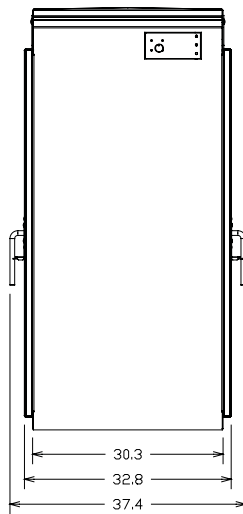
The cabinet is secured via a three-point latching system and protected with a padlock providing secure installations and easy access for maintenance.
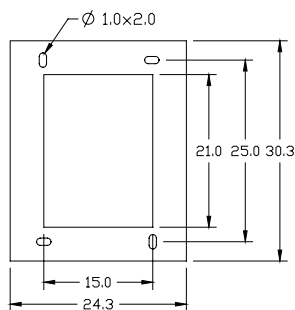
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332 Controller Cabinet

Front

332 Standard

332S Stretch

Side

Base

Dimensions rounded to the nearest 0.1"

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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
- Input panel with termination blocks (332A & 332S) or Panduit ducts (332B)
- Railroad preemption inputs (2)
- Emergency vehicle preemption inputs (4)
- 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

Assemblies

- 14-position input files (2)
- 12-position output file
- Model PDA-2 combined power supply and Power Distribution Assembly or Model PDA-1 Power Distribution Assembly and separate 24 VDC 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:	Standard: 67" H x 24" W x 30" D Stretch: 77" H x 24" W x 30" D (Dimensions 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:	Standard: 300 lbs Stretch: 325 lbs (weight without plug-ins or controller(s))

Options

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