SWARCO
McCAIN 344LX CONTROLLER CABINET

SWARCO McCain, Inc.'s 344LX Cabinet is a versatile cabinet ideal for ramp metering. The spacious design houses multiple controllers while leaving room for additional ITS equipment for applications such as highway surveillance, CCTV, sign control, or communication hubs. Its unique design has enhanced safety features to protect personnel from inadvertent contact with potentially dangerous high-voltage parts in compliance with safety standards set by the NECC and OSHA. The cabinet is also compliant with the 2009 TEES and TEES 2009 Errata No. 2.

KEY BENEFITS

• Protects personnel from accidental contact with high voltages

• Houses additional controllers or equipment for alternate ITS applications

• Assures interchangeability between manufacturers with standard features

• Allows easy access to the cabinet's large interior through the double doors

• Provides maximum security using 3-point latching system with industry standard locks
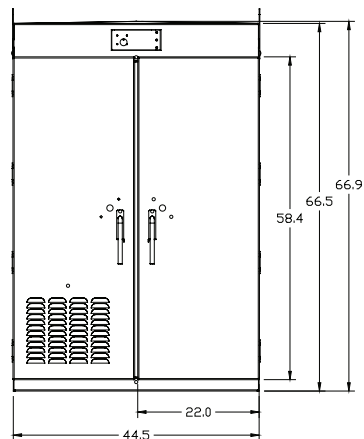
PRODUCT DESCRIPTION

The McCain 344LX Cabinet safeguards against accidental contact with the cabinet's high-voltage components, defined as 50 or more volts. To do this, marginal yet effective modifications were made to the input file and power distribution assembly (PDA) such that components over 50V are not exposed at the first level of cabinet entry.

The cabinet comes equipped with a 14-position input file that accepts two-channel or four-channel detector modules. The McCain 344LX Cabinet also features a #3LX power distribution assembly with a 206L switching power supply and three load switch sockets.
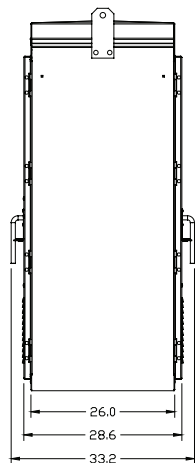
Promoting ease of installation, the cabinet is compatible with NEMA P and R cabinet foundations.
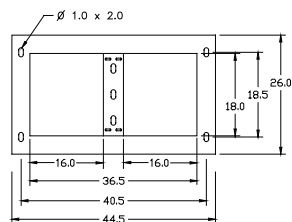
swarco

McCAIN 344LX CONTROLLER CABINET

FRONT

SIDE

BOTTOM

STANDARD FEATURES

- AC-switched outputs (9), load switches (3)
- Up to 28 isolated inputs, 2-channel or 4-channel industry standard detection modules
- Detector input panel with terminal blocks or panducts
- 208 WD Monitor
- Transient voltage and surge suppression filter
- Drawer/shelf combination
- C11 Harness
- Lights, LED

ASSEMBLIES AND COMPONENTS

- Fan Panel Assembly
- Lamp Assembly
- Rack Assembly
  - Mounting cage
  - Power distribution assembly #3LX
  - 206L power supply
  - Input file I
  - Service panel #1 assembly
  - Input panel assembly #3
  - Drawer shelf assembly
- Equipment Rack Assembly
  - Mounting cage
  - Service PDA
  - Drawer shelf assembly
  - Equipment shelf assembly

GENERAL SPECIFICATIONS

Dimensions[1]:	45"W x 67"H x 26"D
Material:	5052-H32 aluminum, 0.125" thick
Finishes[2]:	Natural, anodized, or powder coated
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 (4), louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight[3]:	300 lbs

OPTIONS

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

[1]Dimensions rounded to the nearest inch
[2]Powder coated options include standard, anti-graffiti, and custom colors
[3]Without plug-ins or controllers

www.swarco.com/mccain

swarco