"Smart P" Cabinet NEMA Size 6

EAGLE
Traffic Control Systems

Description

The Eagle "Smart P" cabinet is designed for maximum convenience with extra storage space and easy access to electronic components.

The Smart P's added features includes a 19" EIA equipment mounting rack with 12U of open rack space.
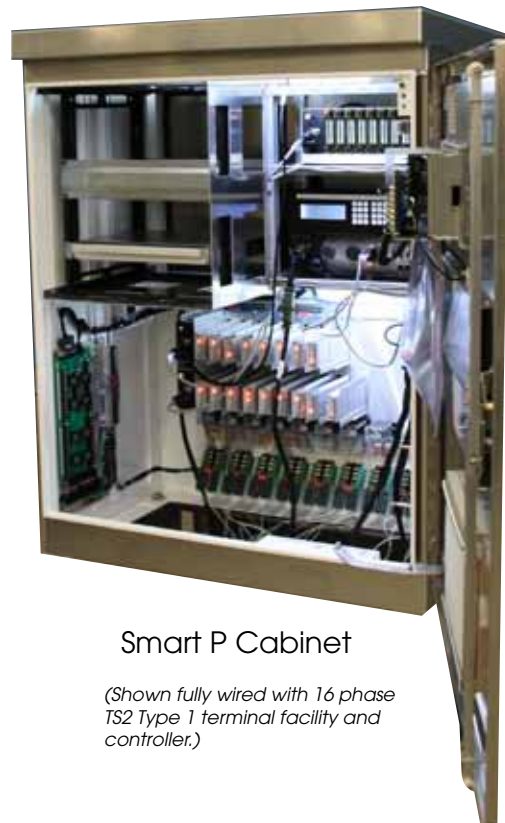
This rack space can be used to house a variety of electronic equipment, such as battery backup systems, fiber optic panels, ethernet switches, drawers, and more. The cabinet includes a back door for easy access to both sides of the rack-mounted equipment. The Smart P provides a safe, simple mounting location and access for standard 19" rack-mounted electronic equipment.

Optional Configurations

- Outward-rotating door handle.
- Double-flanged door frame to provide a better splash shield.
- Continuously welded enclosure for maximum protection from contaminants.
- Unique lock/keying combinations.
- Custom finish per customer requirements.
- Lifting ears.
- Flush-mounted generator compartment – mounting for twist-lock generator plug, Generator/Off/Utility manual transfer switch, and utility power indicator light. Compartment includes #2 lock and sliding cover allowing the door to be closed and locked with generator cable installed.

Rear Access View

Smart P Cabinet

(Shown fully wired with 16 phase TS2 Type 1 terminal facility and controller.)

Eagle Traffic Control Systems continues our 80+ year history of providing excellence in the ever evolving traffic industry. All of Eagle's products are developed with the highest standards of engineering and manufacturing. Eagle maintains a superior level of integrity in interactions with all of our business partners and customers. We also take tremendous pride in being model corporate citizens.

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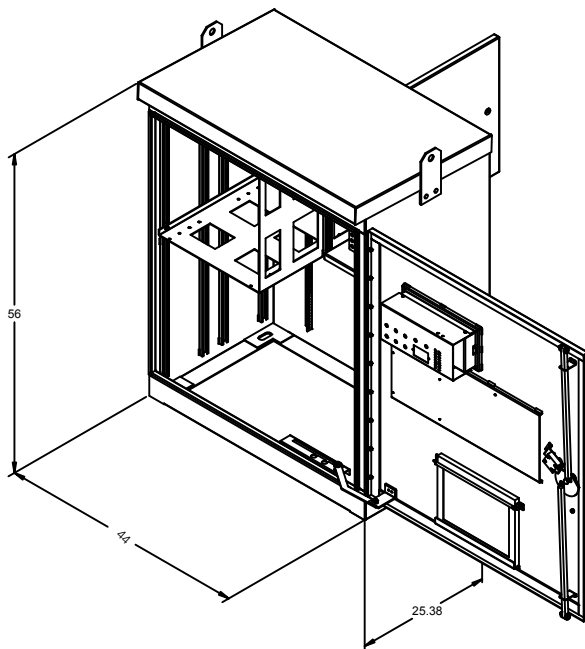## Standard Door Specifications

Front Door:
- Provided with three-point locking mechanism with nylon rollers at the top and bottom.
- 3/4"-diameter stainless steel inward turning handle with provisions for padlocking.
- Main door lock - industrial standard pin tumbler lock with #2 key.
- Louvered inlet with filter to prevent dirt from entering with air flow.
- A 2"-deep fabricated switch compartment is included with a standard police lock and a stainless steel continuous hinge with a 1/8"-diameter hinge pin riveted in place. Compartment is mounted flush to the door.

Rear Door:
- Rear door lock – industrial standard pin tumbler tapered slam lock with #2 key

Both Doors:
- Closed cell PVC door gasket with polyester film to prevent sticking.
- Heavy gauge stainless steel continuous hinge utilizing a 1/4"-diameter stainless steel hinge pin for door support, carriage bolted in place for ease of door removal.
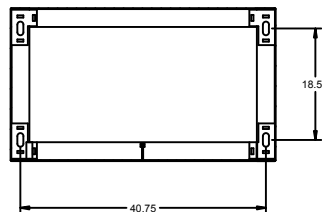
Standard Enclosure Specifications

- Completely fabricated from .125"-thick type 5052-H32 mill-finished aluminum utilizing intermittently welded construction, subsequently weatherproofed with silicone sealant.
- Internal attaching components include eight (8) adjustable "C" mounting channels (4 per side), and two (2) slotted rails on rear wall for attaching equipment panels.
- The door opening is double-flanged on top to prevent water drops when the door is open. The opening also includes a mount for two door-operated switches.
- Thermoconvection air ventilation system utilized with provisions for mounting fan for forced-air cooling.
- Exhaust outlet openings are provided under the roof over-hang.
- All internal and external hardware is fabricated from non-corrosive material.
- Automatic door stop to hold main door open at 90°, 120° and 135°.
- Three (3) shelves included.

Ordering Information

- EL712DQ – Base Mount Smart P cabinet

- EL712BR – Base Mount Smart P cabinet with flush-mounted generator compartment