



DESCRIPTION

The Remote Power Supply enclosure (P/N 10-2782) is made of 18 gauge steel with a baked on enamel finish (red or black) and weighs approximately 14 lbs. (6.35 kg) without electronics installed. The enclosure is designed so that it can be surface or flush mounted to the wall. Numerous conduit knockouts are provided on all four sides of the enclosure to facilitate easy wiring access into the enclosure.

The enclosure's door is hinged on the left side of the back-box and can be removed during installation. The door is equipped with a key-lock to prevent unauthorized access to system components.

The enclosure is designed to house the following components:

1. Power supply circuit board, P/N 10-2767
2. Four addressable control modules
3. Up to two 12 AH batteries

MOUNTING HARDWARE

The following mounting hardware is supplied with the enclosure for installation of electronic components shipped separately:

- 02-12025 Enclosure Keys (qty. 2)
- 02-12014 Hardware Kit
 - 4153-142 Lock Washer, #6 (qty. 2)
 - 02-1361 #6-32 Hex Nut (qty. 2)
 - 02-4992 Ground Wire (qty. 1)
 - 02-4035 Nut and star washer kit (contains 30 nuts and washers)
- 02-13535 Ground Wire Kit
 - 02-13536 Ground Wire
 - 02-3856 Terminal Ring
 - 02-13537 Spade Connector (qty. 3)

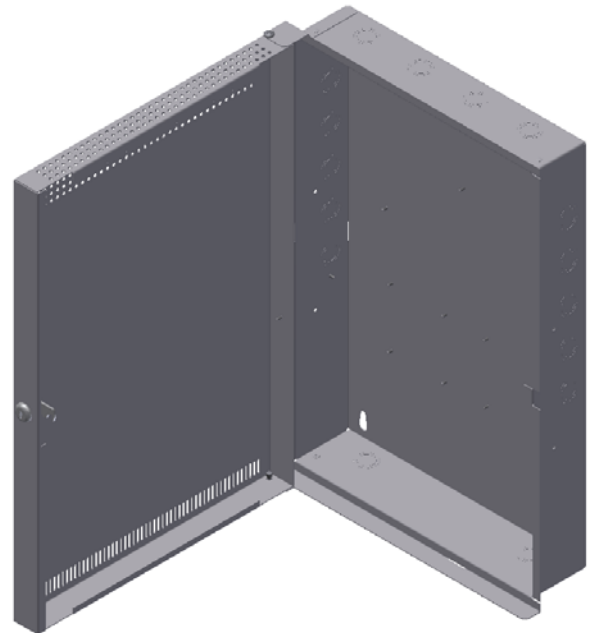


Exhibit 1: Remote Power Supply Enclosure
(shown without electronic components)

MOUNTING LOCATION

The following guidelines shall be adhered to when selecting the mounting location for the enclosure:

1. Mount the enclosure on a surface that is vibration free, clean and dry.
2. Mount the enclosure in an area that is free from sources of electromagnetic interference and radio frequency interference; as these are types of problems that could adversely affect the successful operation and useful life of the electronic equipment housed in the enclosure.
3. Mount the enclosure in an environment with a nominal room temperature of 15°-27°C (60° - 80°F), with a relative humidity of 93 percent.
4. Allow sufficient clearance around enclosure to allow door to swing freely.
5. Mount enclosure at a height that allows easy access to system electronic components for operation, maintenance and service.

CAUTION

The enclosure is NOT fire rated. Do not mount on or in a fire rated wall unless wall is properly framed to maintain the specified fire rating.

INSTALLATION

1. Carefully unpack the enclosure and check for shipping damage.
2. To make installation of the back-box easier, the enclosure door can be easily removed by removing the two hinge screws located at the top and bottom of the enclosure.
3. Determine the quantity and size of conduit to be attached to the enclosure, keeping in mind the required separation between power-limited and non-power-limited wire (See Exhibit 2). Remove the inner knockout for connection of 1/2" conduit and the entire knockout for connection of 3/4" conduit.

Note: Non-power-limited wiring connections to the remote power supply circuit board include: AC power input (P1), battery input (P2) and trouble relay connections (P3¹). All other circuit board and module connections are power-limited.

Note: Do not use conduit knockouts located in the bottom of the enclosure if installing batteries.

4. Mount the enclosure at the selected location using the mounting holes provided in the enclosure back-box (See Exhibit 3).

Surface Mounting

Utilize the four tear-drop openings in the enclosure back-box to secure it to the mounting surface with suitable anchors.

Flush Mounting

Cut an opening in the wall to fit the back-box dimensions and secure the box in place utilizing the through holes provided on the sides of the back-box.

5. Reinstall the enclosure door (if applicable) and connect the door grounding using hardware provided (See Exhibit 4).
6. After enclosure is cleaned and free from all construction debris and dust; install electronic components into the enclosure using the installation instructions supplied with each component.

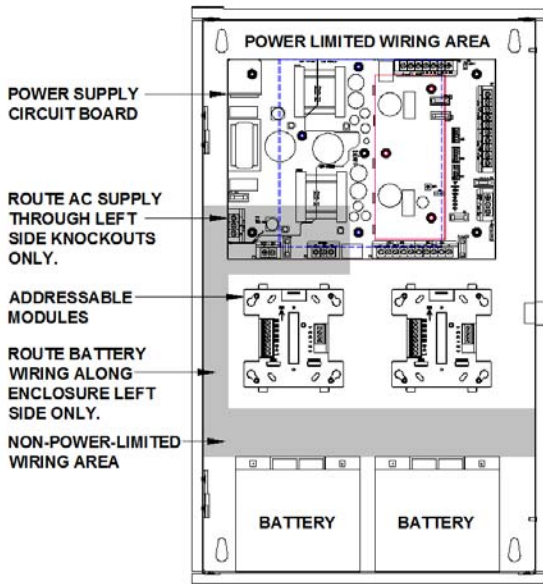


Exhibit 2: Enclosure Layout

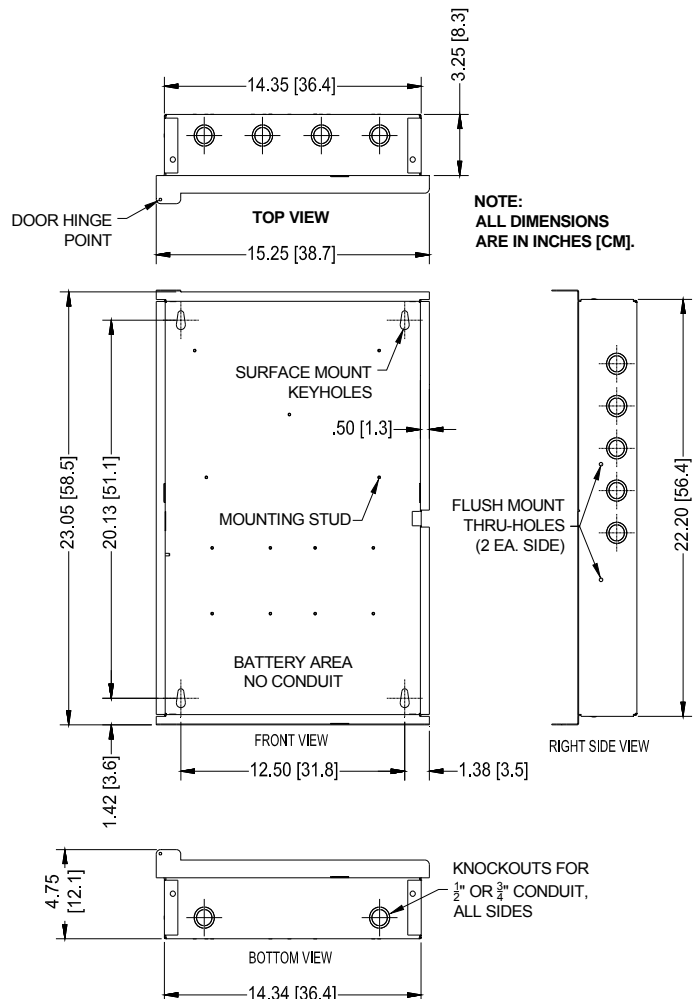


Exhibit 3: Enclosure Dimensions

¹ P3 trouble relay may be connected to power-limited or non-power-limited sources. All connections to terminal block shall be power-limited or non-power-limited, not both.