

SP160 FP

Flush Plate Assembly for SP160 SPD

PREPARATION

DANGER: Electrical shock or burn hazard. Installation of Surge Protective Devices, SPD, should be made by qualified personnel. Failure to lockout electrical power during installation or maintenance can result in fatal electrocution or severe burns.

These installation instructions apply specifically for the Flush Mount installation of the SP160 range of Surge Protectors. These instructions are to be used in conjunction with the installation instructions for the SP160 product.

To simplify installation it is recommended to use a short (<6") flexible conduit to connect the SPD nipple to the electrical panel. Tip: a zip tie can be used to just behind the flush plate to affix the SPD to the flush plate. The SPD is then mechanically fixed by connecting the SPD to the Flush Cover plate, which is in turn fixed to the drywall.

This kit includes:

- a) 1 x Flush Cover plate
- b) Instructions

Quick Installation:

1. Disconnect and lockout electrical power to the electrical panel (load center / panel board / circuit breaker box) where the SP160 and Flush Cover plate is to be installed. Follow all applicable electrical codes and procedures.
2. Mark and cut out section of drywall allowing approximately 1/2" clearance around the SP160 enclosure. (See Figure 1)
3. Align the Flush Cover plate with drywall opening, mark locations of drywall anchors (not included) and install anchors per manufacturer's instructions. (See Figure 2)
4. Insert SP160 unit into drywall cut out and connect flexible conduit to electrical panel.
5. Attach the Flush Cover plate to the SP160 by press fitting the unit into the mechanically locking tabs. (See Figure 3)
6. Secure the Flush Cover plate to the drywall using the drywall anchors.
7. Complete electrical SPD connection as per the SPD instructions.

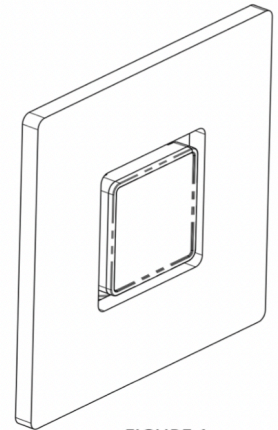


FIGURE 1

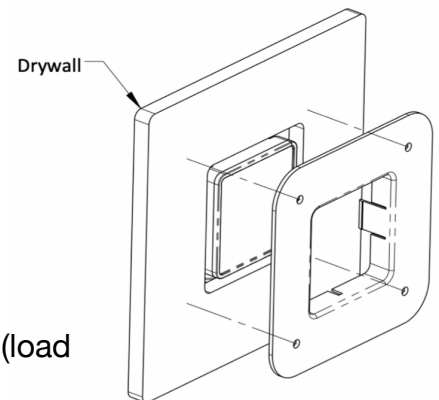


FIGURE 2

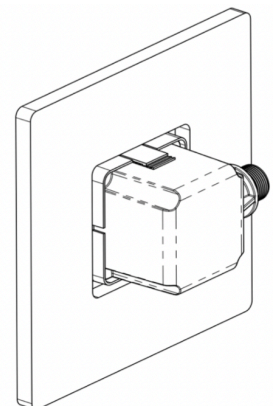


FIGURE 3

WARNING:

1. Omega products shall be installed and used only as indicated in Omega product instruction sheets and training materials. Instruction sheets are available at www.Omegaps.com and from your Omega Power customer service representative.
2. Omega products must never be used for a purpose other than the purpose for which they were designed or in a manner that exceeds specified load ratings.
3. All instructions must be completely followed to ensure proper and safe installation and performance.
4. Improper installation, misuse, misapplication or other failure to completely follow Omega instructions and warnings may cause product malfunction, property damage, serious bodily injury and/or death, and void your warranty.

SAFETY INSTRUCTIONS:

All governing codes and regulations and those required by the job site must be observed.
Always use appropriate safety equipment such as eye protection, hard hat, and gloves as appropriate to the application.

