

NOTE

All numerical values are in metric units [with U.S. customary units in brackets]. Dimensions are in millimeters [and inches]. Unless otherwise specified, dimensions have a tolerance of ± 0.13 [.005] and angles have a tolerance of $\pm 2^\circ$. Figures and illustrations are for identification only and are not drawn to scale.

1. INTRODUCTION

This specification covers the requirements for application of the AMP* Access Floor Workstation Modules. The system provides an access point through raised access floors for power and data communication products. The workstation module can be used with either a modular wiring system like the AMPINNERGY* System, or through conventional building wiring methods as approved by the National Electric Code or approved local requirements.

Basic terms and features of components are provided in Figure 1.

NOTE

Separator plate shipped packaged with box kit but not shown.

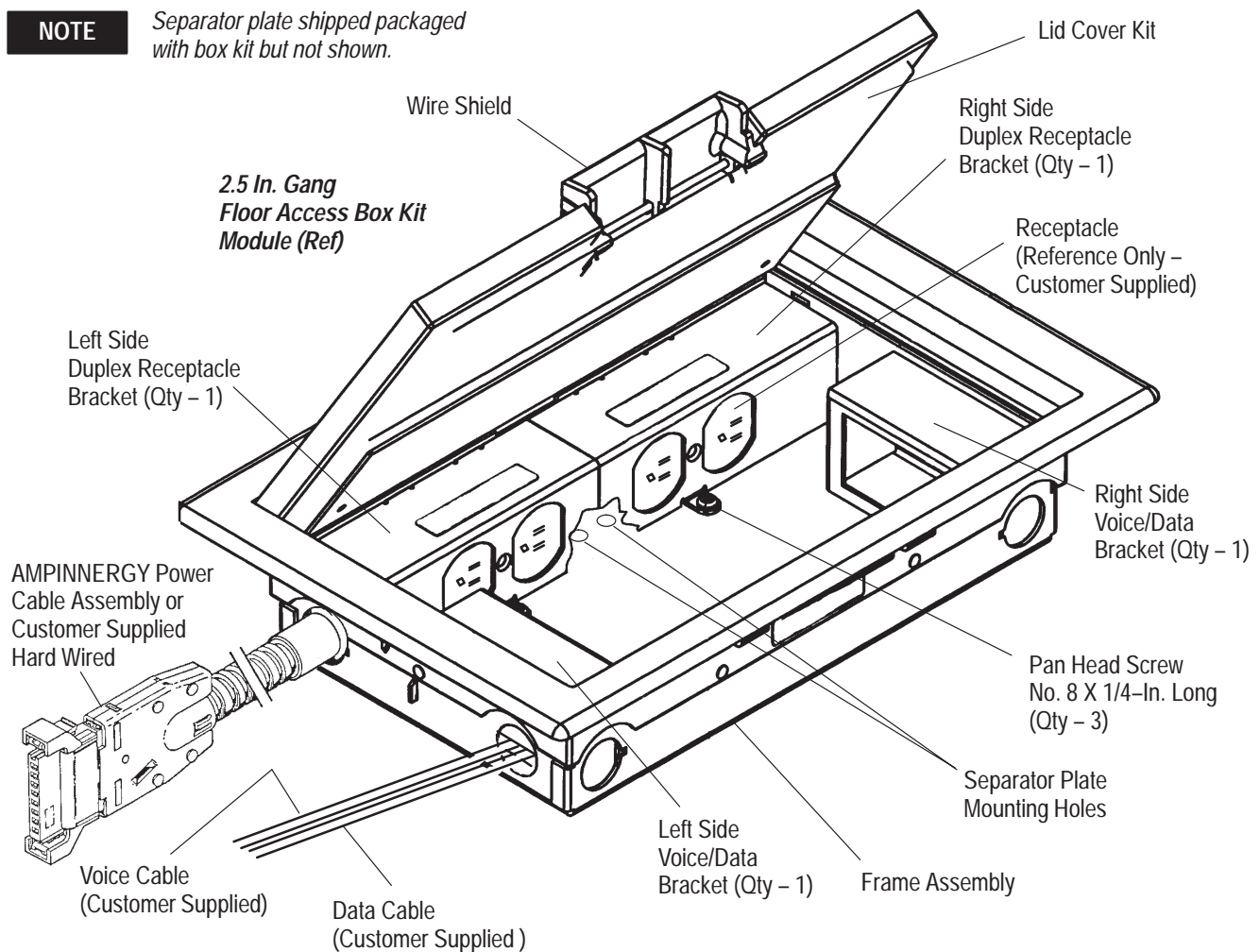


Figure 1

2. REFERENCE MATERIAL**2.1. Revision Summary**

Per EC 0990-1061-98

- Added statement concerning national and local requirements in Section 1
- Added receptacle callout in Figure 1

- Expanded statement in Paragraph 3.1. that wire must be as specified in electric code
- Corrected UL file numbers in Section 4
- Added required tools needed in Section 5

2.2. Customer Assistance

Reference Part Number 557601 and Product Code 0626 are representative numbers of AMP Access Floor Workstation Modules. Use of these numbers will identify the product line and expedite your inquiries through an AMP service network established to help you obtain product and tooling information. Such information can be obtained through a local AMP Representative (Field Sales Engineer, Field Applications Engineer, etc.) or, after purchase, by calling the Tooling Assistance Center or AMP FAX/Product Information number at the bottom of page 1.

2.3. Drawings

AMP Customer Drawings for specific products are available from the service network. The information contained in Customer Drawings takes priority if there is a conflict with this specification or with any other technical documentation supplied by AMP Incorporated.

2.4. Reference Information

The following list of AMP instruction sheets (408-series) provide installation procedures for the workstation modules.

<u>Document Number</u>	<u>Document Title</u>
408-3287	Installation Procedures for AMP Access Floor Workstation Module 557601
408-3356	AMP Access Floor Workstation 2- and 3-Gang Modules (558718 and 558716)
408-3397	Installation Procedures for 2.5 In. Gang Floor Access Box Kit Module 406376

3. REQUIREMENTS

3.1. Wire

Wire size and conduit type are specified per applicable articles of the National Electric Code.

3.2. Cable

AMPINNERGY System cables are manufactured to specification and require no field termination of conductors, except on single-ended cables being wired into a breaker panel or duplex receptacles.

3.3. Workstation Modules

The workstation modules are designed to be mounted onto access floor panels and to provide an interconnection point between access floor wiring systems and workstation equipment cables.

A. Five-Gang Module

The module consists of a flush-mounted, five-gang, metallic outlet box capable of accepting any combination of power, data, or communication services in a raised floor system of 140 mm [5.5 in.] minimum floor height.

B. Four-Gang Module

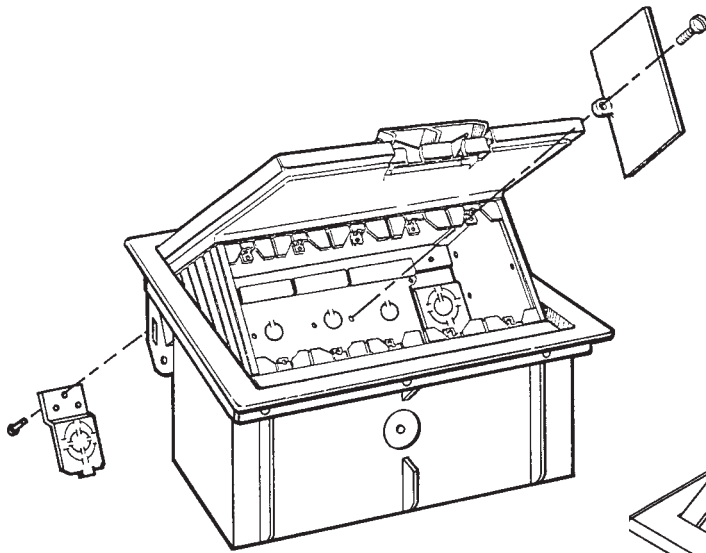
The module consists of a flush-mounted, four-gang, metallic outlet box capable of accepting any combination of power, data, or communication services in a raised floor system of 66 mm [2.6 in.] minimum floor height.

C. Three-Gang Module

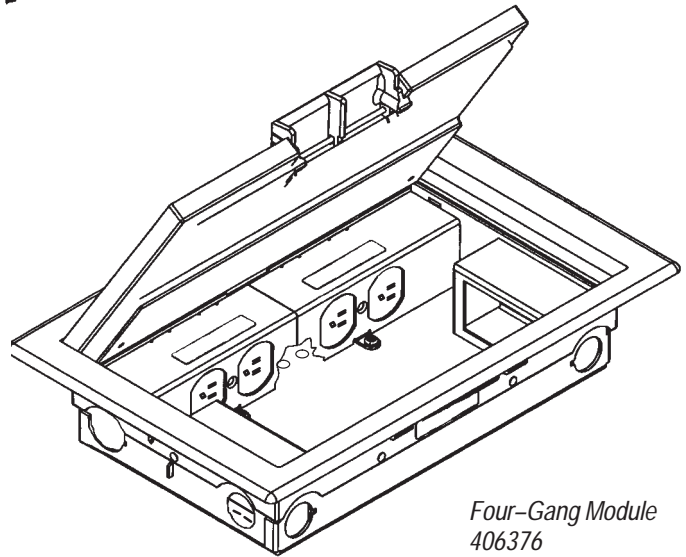
The module consists of a flush-mounted, three-gang, metallic outlet box capable of accepting any combination of power, data, or communication services in a raised floor system of 140 mm [5.5 in.] minimum floor height.

D. Two-Gang Module

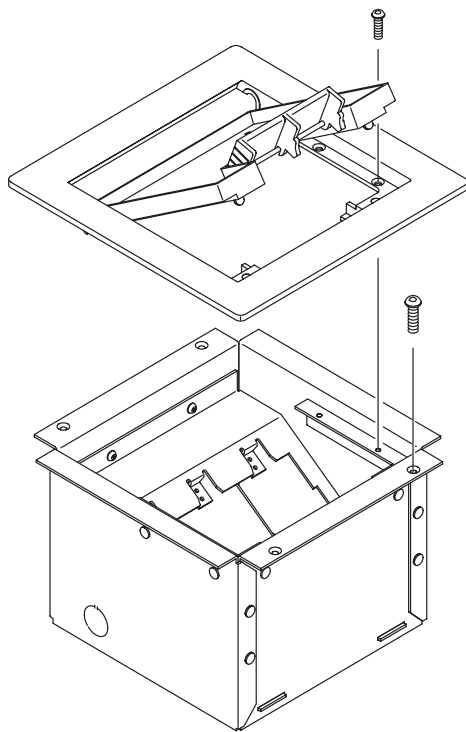
The module consists of a flush-mounted, two-gang, metallic outlet box capable of accepting any combination of power, data, or communication services in a raised floor system of 89 mm [3.5 in.] minimum floor height.



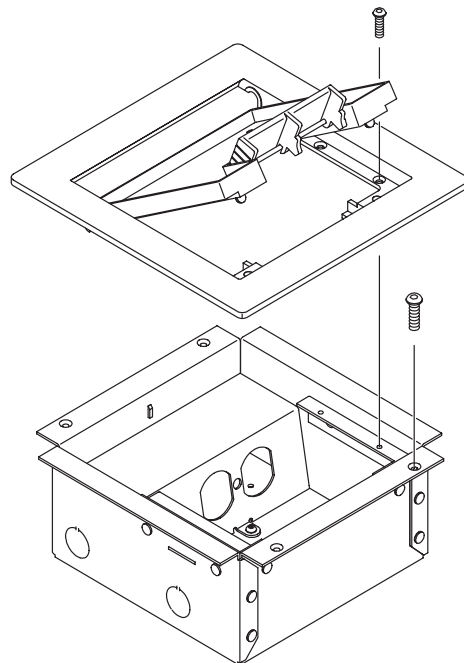
Five-Gang Module
557601



Four-Gang Module
406376



Three-Gang Module
558716

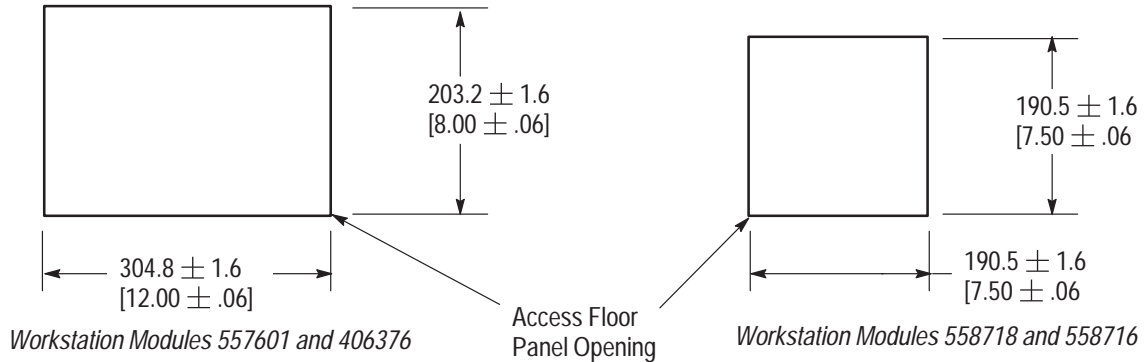


Two-Gang Module
558718

Figure 2

3.4. Floor Panel Cutouts

Cut an opening near one corner of the access floor panel, no less than 76.2 mm [3.00 in.] from the edge of the panel. See Figure 3.



NOTE A floor height of **no less than 139.7 [5.50]** for 557601 or **68.6 [2.70]** for 406376 (measured from the top of the raised floor to the top of the main floor) is required for proper installation of the workstation module.

NOTE A floor height of **no less than 88.9 [3.50]** for 558718 or **139.7 [5.50]** for 558716 (measured from the top of the raised floor to the top of the main floor) is required for proper installation of the workstation module.

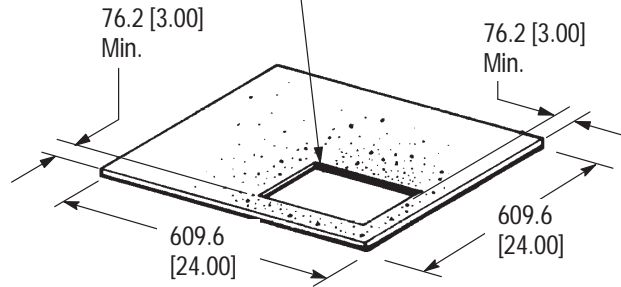


Figure 3

4. QUALIFICATIONS

Access floor workstation modules are listed under Underwriters Laboratories Inc. (UL) File Number E130022 and E132626 for pre-wired, and are certified under Canadian Standards Association (CSA) File Number LR7189 for installation into raised access flooring systems which are NOT rated as a plenum or environmental air space.

5. TOOLING

A standard flat-bladed and phillips head screwdriver will be required to install the box into the access flooring. Wire cutters, wire strippers, and a flat-bladed screwdriver will be required to install the duplex receptacle.

6. VISUAL AID

The following illustration is to be used by production personnel to ensure properly applied product.

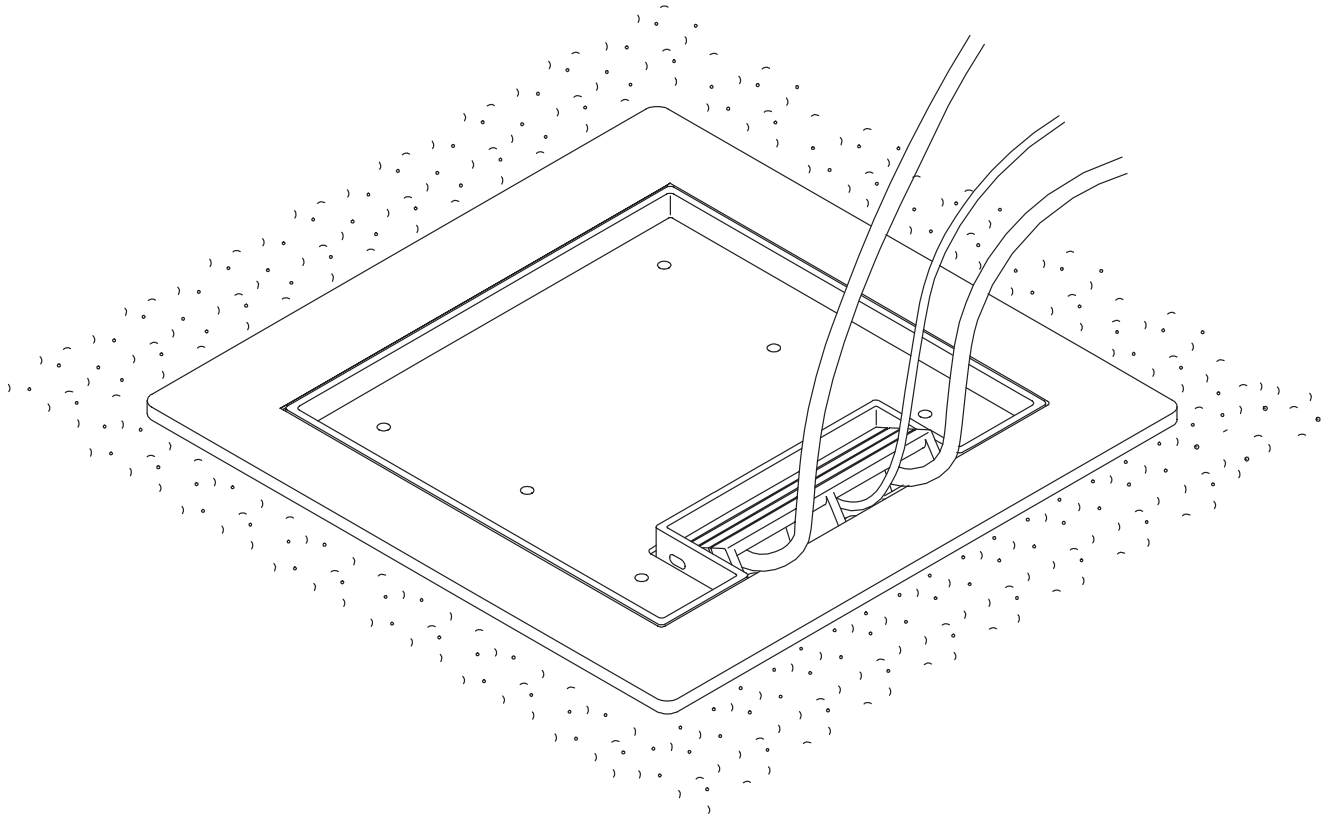


FIGURE 4. VISUAL AID