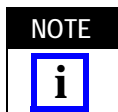


Figure 1

1. INTRODUCTION

This instruction sheet covers assembly of Convenience Outlet 1445199-[], shown in Figure 1.



All dimensions are in metric units [with U.S. customary units in brackets]. Figures and illustrations are for reference only and are not drawn to scale.



Stranded wire conductors CANNOT be applied to the outlet using the technique of insulation displacement.

The cover features wire pushers and wire seats. The cover is designed to insert solid wire into the slotted contact beams. See Figure 1.

2. DESCRIPTION

The outlet is designed to be front-mounted to 0.76 to 1.78 mm [.030 to .070 in.] thick panels for feed-to and feed-through applications. It is supplied as a two-piece assembly consisting of a receptacle block and a cover. The cover, when completely assembled to the block, provides strain relief for solid wire.

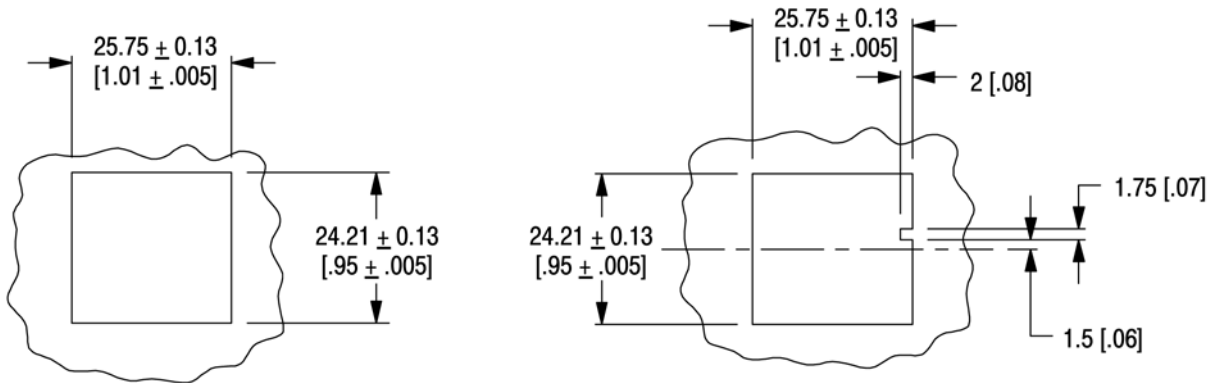
The receptacle block consists of a housing with three panel locks, three wire seats on two sides, a housing flange, and three precision formed contacts.

The contact slots are designed to terminate 12 and 14 AWG solid copper wire using the Insulation Displacement Technique - a method of terminating unstripped wire and creating a sound electrical connection. See Figure 1.

3. ASSEMBLY WITH SOLID WIRE CONDUCTORS

For best results, it is recommended that an arbor frame assembly be used during cover installation to ensure proper seating of the cover in the housing.

1. Make a cutout in the panel using the layout dimensions provided in Figure 2.
2. Determine whether it would be easier to install wires BEFORE or AFTER receptacle block is installed in panel cutout.
 - a. If BEFORE: Place wires through panel cutout.
 - b. If AFTER: Install receptacle block in panel cutout.



Recommended Panel Cutout
Without Orientation Feature

Recommended Panel Cutout
With Orientation Feature

Figure 2

3. Place unstripped wires on appropriate contacts - hot (black) on outer contact, ground (green) on center contact, and neutral (white) on outer contact labeled "W". If making a feed-to-application, allow each wire to extend approximately 6.35 mm [.250 in.] beyond the contact beam.



Do not attempt to push wires into contacts with a flat-bladed screwdriver or any other tool that may spread the contact beams and, as a result, cause a loose connection.

4. Align cover with receptacle block; then press cover straight into receptacle until it bottoms on block. See Figure 3.

5. Install assembly in panel cutout if this was not performed in Step 2b.

4. ORDERING INFORMATION

Order additional convenience outlets through your TE Connectivity Representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 717-986-7605, or write to:

CUSTOMER SERVICE (038-035)
TYCO ELECTRONICS CORPORATION
PO BOX 3608
HARRISBURG PA 17105-3608

5. REVISION SUMMARY

- New logo

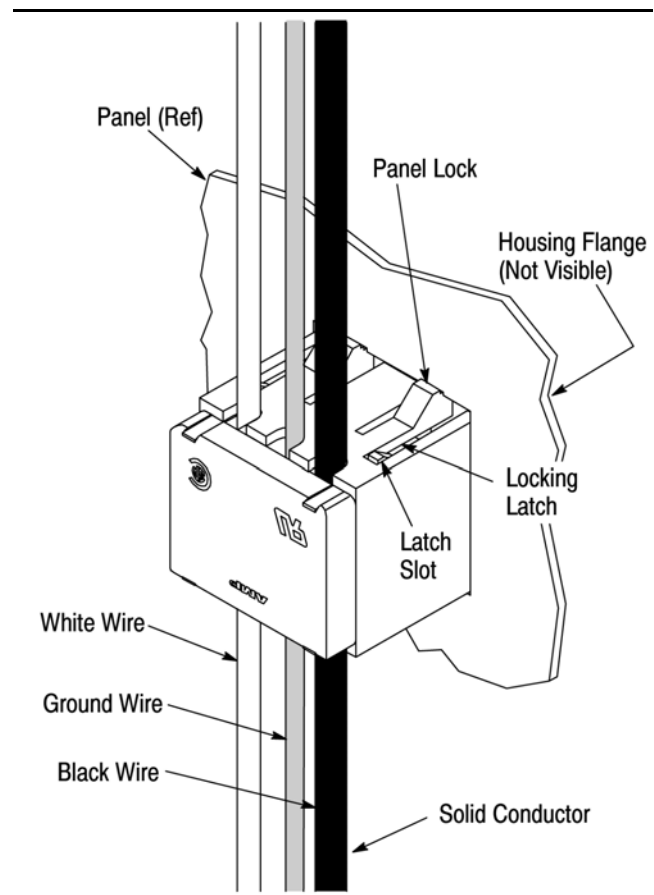


Figure 3