

BELL SYSTEM PRACTICES
Station Installation and Maintenance

SECTION C36.201
Issue 1, 2-1-32
Standard

JACKS AND PLUGS
TYPES FOR INSIDE LOCATIONS
DESCRIPTION AND USE

1. GENERAL

1.01 This section gives general information pertaining to flush and non-flush station jacks and plugs of the types used in connection with jack and plug installations at inside locations which are not exposed to the weather, excessive dampness, etc., and where service conditions are not expected to be unusual.

1.02 The general information herein contained covers their description, use, equivalents and piece parts. It does not, however, cover information pertaining to the cords used with plugs. For such information, see the section covering "Station Cords."

2. DESCRIPTION

Flush Type Jacks

2.01 Flush type jacks are furnished with three, four, or eight contacts. With the exception of the 367 type jacks, these jacks are provided with cover plates similar in form to those used with electric light convenience outlets, but having specially drilled holes to accommodate the various types of jacks with which they are used. The cover plates are furnished in either brush brass or old brass finishes, depending on the code number of jack ordered. Where these finishes do not meet the subscriber's requirements, take the matter up with your supervisor.

2.02 Flush type jacks of the types referred to herein are shown in Fig. 1.

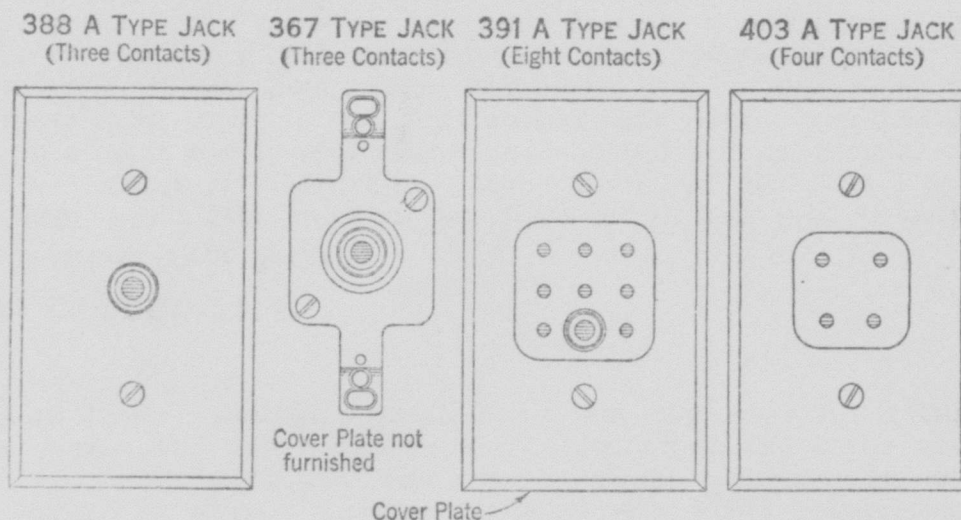


Fig. 1

Non-Flush Type Jacks

2.03 Non-flush type jacks are furnished with three, four or eight contacts. These jacks have holes for either concealed or exposed wire or cable. These jacks are furnished with covers finished in black and, with the exception of the 190 type jacks, also in old brass finishes, depending on the code number of jack ordered.

2.04 Non-flush type jacks of the types referred to herein are shown in Fig. 2.

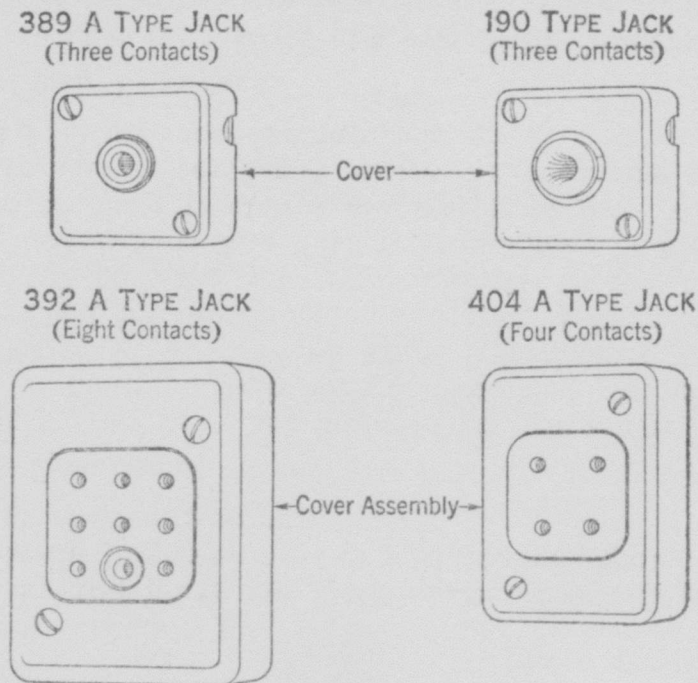


Fig. 2

Plugs

2.05 Station plugs for use with either the flush or non-flush station jacks are furnished with either three, four or eight contacts. All types of station plugs, with the exception of the 148 type plug, are equipped with shells which are finished in either black or old brass. The shells of the newer types of plugs have indentations which serve as a grip when pulling the plug from a jack. To facilitate the connection of cord conductors, color designations are stamped adjacent to the terminals of the newer types of plugs.

2.06 Plugs of the types referred to herein are shown in Fig. 3.

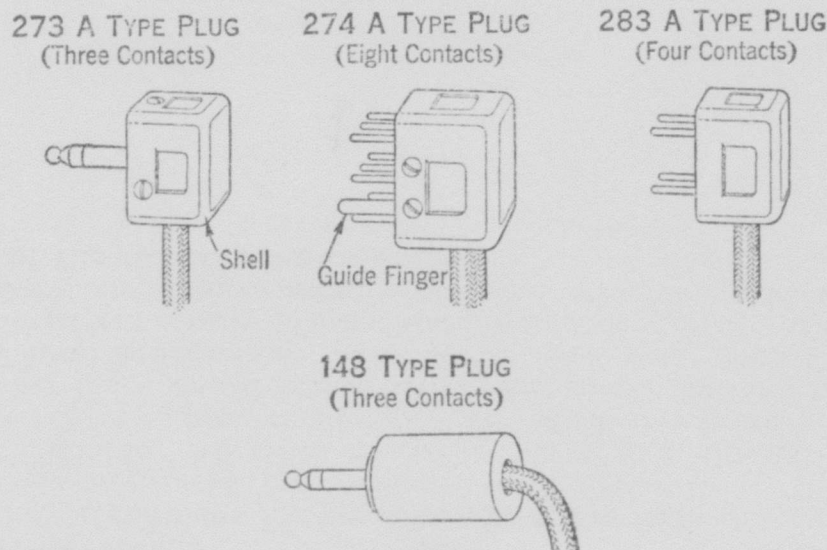


Fig. 3

3. USE

General

3.01 Jacks and plugs are installed on station lines to provide for the connection of portable telephones for either business or residence service.

Flush Type Jacks

3.02 Flush type jacks are intended for use where jacks are to be mounted flush with a supporting surface, such as an installation in a standard single convenience outlet box (box furnished by subscriber). However, if an outlet box is not provided and the subscriber objects to the installation of a non-flush type jack, a flush type jack may be located on a baseboard or chair rail, provided wiring to jack can be concealed. In such a case, first secure the necessary permission to bore a hole for recessing the jack.

Non-Flush Type Jacks

3.03 Non-flush type jacks are principally intended for use where wiring is run exposed and where secure attachment can be made, such as on baseboards, chair rails, desks, tables or substantial wood panels.

Colored Finishes

3.04 **General:** It is intended that a black finished plug be generally used with a black or brush brass finished jack. In the case of the old brass finishes, the finish of both jack and plug should harmonize.

3.05 **Selection—Flush Type Jacks:** The finish of cover plate chosen for a particular installation should harmonize with the surroundings at the subscriber's premises. In all cases the brush brass finish should be given first consideration.

3.06 **Selection—Non-Flush Type Jacks:** The finish of cover chosen for a particular installation should harmonize with the surroundings at the subscriber's premises. In all cases the black finish should be given first consideration.

3.07 **Dash Numbers:** The dash number appearing in the code number of each of the standard jacks and plugs in the table under paragraph 3.09 indicates its finish. These dash numbers have the following significance:

Dash Number	Finish
— 3	Black
— 6	Old Brass
—14	Brush Brass

3.08 In the case of the equivalent 190 jack and 148 plug, they are furnished only in black.

Table of Use

3.09 Jacks and plugs of the types specified herein shall be used in accordance with the following table:

JACKS				PLUGS		
Standard		Equivalent		Stand- ard	Equiva- lent	Use with Port- able Telephone having Portable Cord with
Flush (See Note 1)	Non- Flush	Flush (See Note 2)	Non- Flush			
388A-14	389A-3	367	190	273A-3	148	3-conductors
388A-6	389A-6	367	—	273A-6	—	
391A-14	392A-3	—	—	274A-3	—	8-conductors (see Note 3)
391A-6	392A-6	—	—	274A-6	—	
403A-14	404A-3	—	—	283A-3	—	4-conductors
403A-6	404A-6	—	—	283A-6	—	

Note 1: Code numbers of standard flush type jacks include cover plates.

Note 2: Code number of the equivalent flush type jack does not include cover plate. Use same cover plate as for corresponding 388 type jack. Cover plates so used must be ordered separately. For information pertaining to cover plates, see Part 4.

Note 3: For use principally with portable hand telephone sets at 750A P.B.X. stations requiring eight-conductor cords. They may also be used where a seven-conductor portable cord is required at 750A P.B.X. stations not associated with control cabinet, and where five or six-conductor portable cords are required.

4. PIECE PARTS

Piece Part Name and Number	Part of
Cover, P-108944	190 jack
Cover, P-238708	389A-3 jack
Cover, P-238709	389A-6 jack
Cover Assembly, P-237985	392A-3 jack
Cover Assembly, P-237984	392A-6 jack
Cover Assembly, P-237946	404A-3 jack
Cover Assembly, P-237945	404A-6 jack
Cover Plate, P-238706	388A-6 jack
Cover Plate, P-238707	388A-14 jack
Cover Plate, P-238698	391A-6 jack
Cover Plate, P-238699	391A-14 jack
Cover Plate, P-237942	403A-6 jack
Cover Plate, P-237943	403A-14 jack
Screw, P-135465	148 plug (Attaching shell)
Screw, P-299033	273A-3, 274A-3 plugs (Attaching shell)
Screw, P-234431	273A-6, 274A-6 plugs (Attaching shell)
Screw, P-237686	283A-3, 283A-6 plugs (Attaching shell)
Screw, P-237940	388A-6, 391A-6, 392A-6, 403A-6, jacks (Attaching cover plate or cover assembly)

Screw, P-237941

Screw, P-97055

Screw, P-108963

Screw, P-237046

Screw, P-238710

Screw, P-237768

Screw, P-237752

Screw, P-237751

Shell, P-134310

Shell, P-238714

Shell, P-238715

Shell, P-238711

Shell, P-238712

Shell, P-238716

Shell, P-238717

Washers, P-218863

388A-14, 391A-14, 403A-14, jacks
(Attaching cover plate)

388A, 391A, 403A and 367 type
jacks (Attaching flush-type
jacks to outlet boxes)

190 jack (Attaching cover)

389A-3 jack (Attaching cover)

389A-6 jack (Attaching cover)

392A-3 jack (Attaching cover as-
sembly)

404A-3 jack (Attaching cover as-
sembly)

404A-6 jack (Attaching cover as-
sembly)

148 plug

273A-3 plug

273A-6 plug

274A-3 plug

274A-6 plug

283A-3 plug

283A-6 plug

388A, 391A, 403A and 367 type
jacks (Aligning flush-type jack)