

## CODED JACKS—250 THROUGH 299

### DESCRIPTION

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#### 1. GENERAL

1.01 This section lists and illustrates coded jacks within the part or type number range of 250 through 299, used for the maintenance and operation of equipment in central offices.

1.02 The information provided in this section was previously shown in Section 032-511-101, Issue 3. The following jacks are rated Mfr Disc. with no replacement. This issue does not affect the Equipment Test List.

- 280B
- 283
- 284B
- 285B
- 289B
- 290B
- 291B
- 293B

#### 2. DESCRIPTION OF CODED JACKS

2.01 **267A, C, AM, and CM:** These single-mounted jacks (Fig. 1) are used with 150, 184, 213, 262, 310, 320, 331, 338, and 349 plugs.

- (a) **267A:** The 267A jack is intended to be mounted with the springs in a vertical plane.
- (b) **267C:** The 267C jack is intended to mount in a 252A jack mounting.

(c) **267AM:** The 267AM jack is equipped with solderless wrap terminals.

(d) **267CM:** The 267CM jack is equipped with solderless wrap terminals. This jack is intended to mount in a 252A jack mounting.

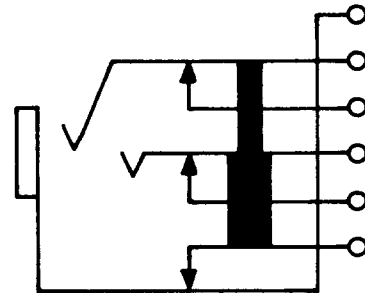


Fig. 1—267-Type Jack

2.02 **275:** The 275 is a strip-mounted jack (Fig. 2). This jack is used with the 150 and 310 plugs. It is furnished only on orders for jack mountings. This jack is also used with the 107, 108, 109, 110, 112, 115, 116, 131, 136, 137, 217A and 250A jack mountings.

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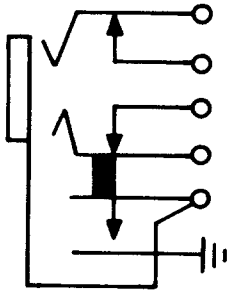


Fig. 2—275 Jack

**2.03 280A C, AM, and CM:** These single-mounted jacks (Fig. 3) are used with 150, 184, 213, 262, 310, 320, 331, 338, and 349 plugs. These jacks are heavily insulated and have solder-type terminals that are arranged to accommodate two 19B and S gauge wires. These jacks are intended to be mounted with the springs in a vertical plane. The mounting hardware is shipped loose. They are designed for use with a 310 or similar-type plug. The 280AM and CM jacks are equipped with mechanically wrapped terminals.

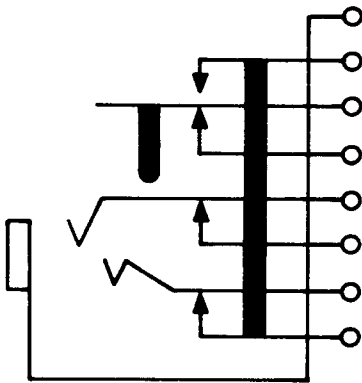


Fig. 3—280-Type Jack

**2.04 284A, C, AM, and CM:** These single-mounted jacks (Fig. 4) are used with the 310 or similar-type plugs.

(a) **284A:** The 284A jack (Fig. 4) is intended to be mounted with the springs in a vertical plane.

(b) **284C:** The 284C jack (Fig. 4) is intended to be

mounted with the springs in a horizontal plane.

(c) **284AM:** The 284AM jack (Fig. 4) is intended to be mounted with the springs in a vertical plane. This jack is equipped with mechanically wrapped terminals.

(d) **284CM:** The 284CM jack (Fig. 4) is intended to be mounted with the springs in a horizontal plane. This jack is equipped with mechanically wrapped terminals.

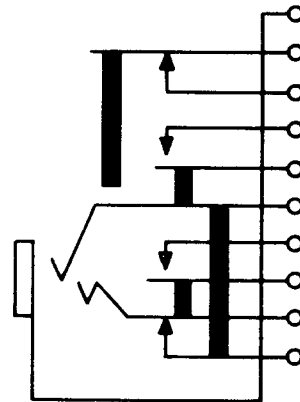


Fig. 4—284-Type Jack

**2.05 285A, C, AM, and CM:** These single-mounted jacks (Fig. 5) are used with the 310 and similar-type plugs.

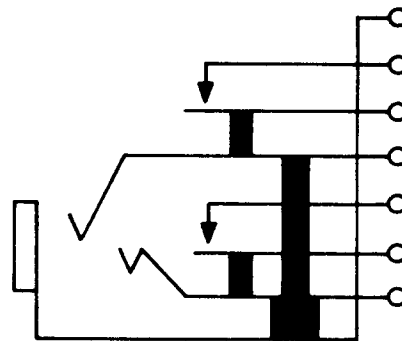


Fig. 5—285-Type Jack

- (a) **285A and C:** These jacks are intended to be mounted with the springs in a vertical plane.
- (b) **285AM:** The 285AM jack is equipped with mechanically wrapped terminals. This jack is intended to mount only in the 252A jack mounting. The height of the spring pileup will not permit mounting by means of a screw inserted from the rear of the mounting lug.
- (c) **285CM:** The 285CM jack is equipped with mechanically wrapped terminals. This jack is intended to mount only in the 252A jack mounting. The height of the spring pileup will not permit mounting by means of a screw inserted from the rear of the mounting lug.

**2.06 289A, C, AM, and CM:** These single-mounted jacks (Fig. 6) are used with the 310 or similar-type plugs. They are intended to be mounted with the springs in a vertical plane.

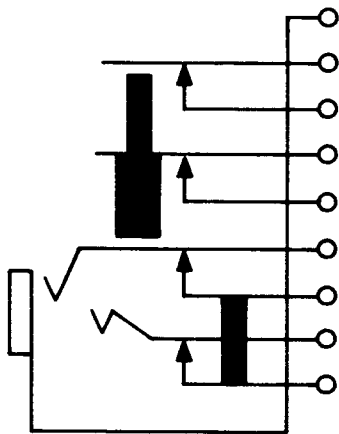


Fig. 6—289-Type Jack

- (a) **289C:** The 289C jack is intended to mount only in the 252A jack mounting. The height of the spring pileup will not permit mounting by means of a screw inserted from the rear of the mounting lug.
- (b) **289AM and CM:** These jacks have terminals that are arranged for mechanically wrapped connections.

**2.07 290A and C:** These single-mounted jacks (Fig. 7) are used with the 310 or similar-type plugs. They are intended to be mounted with the springs in a vertical plane.

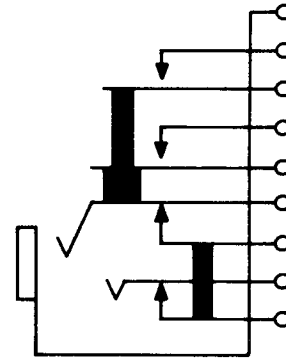


Fig. 7—290A or C Jack

**2.08 290CM:** The 290CM (Fig. 8) is a single-mounted jack and is used with the 310 or similar-type plugs. This jack is intended to be mounted with the springs in a vertical plane. The terminals of this jack are arranged for mechanically wrapped connections.

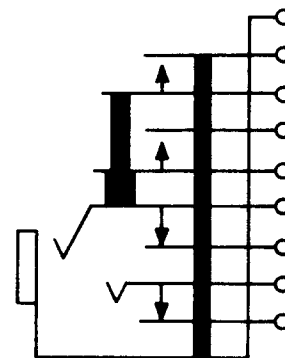


Fig. 8—290CM Jack

**2.09 291A:** This single-mounted jack (Fig. 9) is used with 150, 213, and 310 plugs. This jack is heavily insulated and intended to be mounted with the springs in a vertical plane.

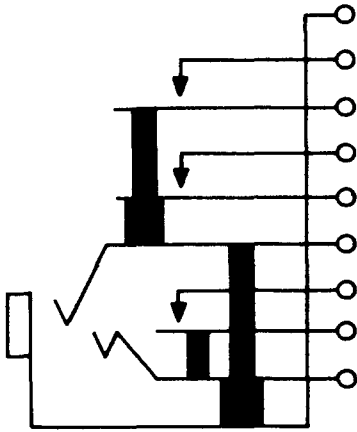


Fig. 9—291A Jack

**2.10 292:** This strip-mounted jack (Fig. 10) is used with the 309 plug. This jack is furnished only on orders for jack mountings. The terminals of the tip and ring springs will accommodate two No. 19B and S gauge wires. This jack is used with the 113, 138, and 139 type jack mountings.

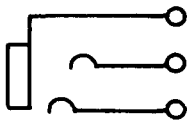


Fig. 10—292 Jack

**2.11 293A and AM:** These single-mounted jacks (Fig. 11) are used with 150, 213, and 310 plugs.

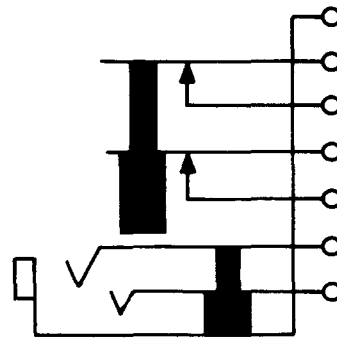


Fig. 11—293A or AM Jack

(a) **293A:** The 293A jack is heavily insulated and is intended to be mounted with the springs in a vertical plane.

(b) **293AM:** The 293AM jack is equipped with solderless wrap terminals and is intended to be mounted with the springs in a vertical plane. This jack is heavily insulated.

**2.12 295:** This strip-mounted jack (Fig. 12) is used with the 310 plug. The 295 jack is furnished only on orders for jack mountings. This jack is used with 107, 108, 109, 110, 112, 115, 116, 131, 136, 137, 217A, 232A and 250A jack mountings.

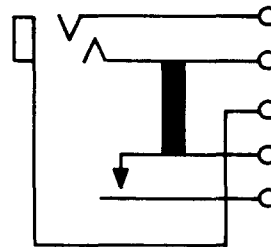


Fig. 12—295 Jack

**2.13 297A and C:** These single-mounted jacks (Fig. 13) are used with 1D, 1E, 153, 209, 241, 305, 327, 328, 347, 373, and 464 plugs.

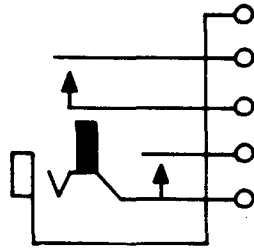


Fig. 13—297A or C Jack

- (a) **297A:** The 297A jack is intended to be mounted with the springs in a vertical plane.
- (b) **297C:** The 297C jack is intended to be mounted in a 252A jack mounting.

**2.14 298:** This multicontact jack (Fig. 14) is used with 214 or 216 plugs. The 298 jack is used on

a panel message register connector frame as an emergency switching jack. Contacts are insulated from each other and are arranged in pairs. The 298 jack is provided with guide holes arranged to engage with guide posts of associated plugs for centering contacts of plugs and jacks. The 216 plug engages with the center and either of the outer rows of contact springs of the jack and the 214 plug engages with the unoccupied outer rows of contact springs.

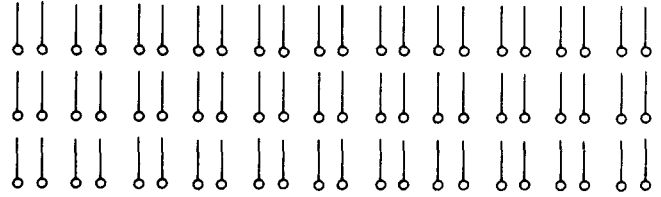


Fig. 14—298 Jack