

and Report

7. Cat. Nos. 520347-1, -2, 520893-1, employ a No. 10-32 by 3/8 in terminal screw and a No. 10-32 by 7/16 in square nut Cat. Nos. 520346-1, 520892-1 employ a No. 10-32 by 7/16 in terminal screw and a No. 10-32 by 3/8 in square nut. Cat. Nos. 520940-1, 520941-1, 520943-1, 520944-1, 520936-1, 520937-1 employ a No. 10-32 by 7/16 in terminal screw and a No. 10-32 by 7/16 in square nut. The square nuts are provided for mounting, and termination of Nos. 6-14 AWG copper sol/str wire (serving as the load) between screwhead and terminal plate, considered the pressure terminal connector. Nos. 6-8 AWG stranded wires may be inserted into the pressure terminal connector of the mentioned Cat. Nos. in a manner that approximately half of the strands are captivated on each side of the terminal screw, or with all strands captivated on each side of the pressure terminal screw. The max tightening torque for the pressure wire connector terminal is 45 lb-in.

Additional Cat. Nos. -

Cat. No. 520993-1 (Ill. 46) is the same as Cat. No. 520943-1 (Ill. 34) except with a No. 10-32 x 3/8 in combination hex/phillips head pressure screw instead of a No. 10-32 x 3/8 in slot/phillips head screw. Also, the nut for Cat. No. 520993-1 is a No. 10-32 by 3/8 in instead of No. 10-32 x 7/16 in.

Cat. No. 520994-1 (Ill. 47) is the same as Cat. No. 520944-1 (Ill. 35) except with a No. 10-32 x 3/8 in hex/phillips head pressure screw instead of a No. 10-32 by 7/16 in slot/phillips head screw.

Cat. No. 521305-1 (Ill. 48) is the same as Cat. No. 520943-1 (Ill. 34) except with a No. 10-32 x 3/8 in hex/phillips head pressure screw instead of a No. 10-32 x 7/16 in slot/phillips head screw.

8. Cat. Nos. 154672-1, -2, -3 are to be assembled using this manufacturer's automatic crimp tooling No. HD-1 applicator, Die No. 2-456406-3 with anvil 1-1333217-5.

9. Cat. Nos. 160434-1, -2 are intended for assembly onto No. 16 - 20 AWG Cu str wire using this manufacturer's AMP End Feed HD-1 Applicator tooling.

CONSTRUCTION DETAILS:

MARKING

On the Connector - Company name "AMP"

On the Shipping Cartons or Reels - Company name, type designation and wire range, "Str".

On or in the Shipping Cartons or Reels - Instructions on the use of the proper tooling.

TYPE VARIATIONS:

Type "OBR&S" is identical to Type "Open Barrel Ring and Spades" except for Type designation, assigned for commercial purposes only.