

D E S C R I P T I O NPRODUCT COVERED:

\* Relay Receptacles, Cat. Nos. 350206, 350490, 380986, 380993, 380994, 480603, 1-480396-0 and 1-480396-1.

All catalog numbers (basic six digit number) may have prefix and/or suffix numbers -0 to -9 inclusive.

ENGINEERING CONSIDERATIONS (NOT FOR INSPECTOR USE):

General Character and Use - Cat. Nos. 350206 and 380986 are 14 contact receptacle bodies, and Cat. No. 380994 is an 11 contact receptacle body. They are for use with a plug-in relay of like configuration rated at no more than 3 amp, 250 v ac. Cat. Nos. 480603 and 380993 are 11 contact receptacle bodies for use with plug-in relays of like configuration rated at no more than 10 amp, 250 v ac. The following accessories are for use with the receptacle bodies:

The plastic materials used in the molded bodies are considered suitable for use within equipment subject to the conditions expressed in the tabulation below, and also subject to the performance requirements applicable to insulating materials used in the complete equipment including consideration of the flammability, and electrical properties expressed in part of Component Recognized "Plastics".

Cat. Nos. 350057 and 350059 are contact sockets in strip form for use with Cat. Nos. 380986, 380994 and 350206.

Cat. Nos. 350067 and 350068 are contact sockets in loose form for use with Cat. Nos. 380986, 380994 and 350206.

Cat. Nos. 350490 and 61347 are contact sockets in strip form for use with Cat. Nos. 480603 and 380993.

Cat. No. 350066 is a contact socket in loose form for use with Cat. Nos. 480603 and 380993.

Cat. Nos. 60952 and 61249 are contact sockets in loose form for use with Cat. No. 1-480396-0.

Cat. No. 61019 is a contact socket in loose form for use with Cat. No. 1-480396-1.

Conditions of Acceptability - These receptacles are for use in equipment submitted to Underwriters Laboratories Inc where the following conditions have been investigated and found acceptable.

1. These receptacles are not for use where the plug-in relays are disconnected while the contacts are energized.

2. The current carried by each pole shall be judged under the requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.

3. The max temperature on the nylon housings should be 105 degrees C. The Recognized relays used during this investigation for the temperature test were manufactured by Potter and Brumfield Div. A.M.F. relay Cat. No. KHU17D11 was used with Cat. No. 380986 and relay Cat. No. KUP14A15 was used with Cat. No. 480603. Combinations with other relays should be investigated for temperature rise of the body.

4. The placement of these devices within the appliance enclosure should be such that spacings between the live parts and the appliance are suitable for the particular application.

5. Cat. No. 350057 is for factory assembly on 2 No. 20 or 1 No. 20 to 14 AWG inclusive stranded copper wire by crimping before factory assembly in the bodies.

6. Cat. No. 350059 is for factory assembly on No. 24 to 18 AWG inclusive stranded copper wire by crimping before factory assembly in the bodies.

7. Cat. No. 61347 is for factory assembly on No. 20 to 16 AWG inclusive stranded copper wire by crimping before factory assembly in the bodies.

8. Cat. No. 61019 is for factory assembly on printed circuit boards by soldering after factory assembly in the bodies.