

## DESCRIPTION

## PRODUCT COVERED:

Single Receptacle Convenience Outlet; Cat. Nos. 208011, 208111, 208697, \*213598, 213878.

## GENERAL:

Cat. No. 208011 is a 2-pole, 3-wire device rated 15 A, 125 V, which is provided with insulation displacement terminals suitable for individual 14 AWG insulated or uninsulated solid copper wire.

Cat No. 208697 is a 2-pole, 3-wire device provided with insulation displacement terminals rated 10 A, 125 V suitable for Listed Flexible Cord Type TFN, 18 AWG (insulated solid copper wire) and rated 13 A, 125 V suitable for Listed Flexible Cord Type TFN, 16 AWG (insulated solid copper wire).

Assembly is accomplished by first placing the individual conductors on the appropriate terminals, then mounting the back cover over the conductors and pressing the assembly together. The device is wired properly when all locking tabs snap into place. The back cover is keyed and marked for easy terminal identification. If the back cover does not snap into place properly, repeat the assembly procedures, as per the manufacturer's instructions. The terminals are designed for one conductor installation, as either an end of line or feed through connection.

Cat. No. 208011 may also be wired by means of quick-connect receptacles which are intended for use with 0.205 by 0.020 in male tabs. The receptacles are accessible through keyed slots provided in the back cover. The back cover is marked for easy terminal identification and need not be removed for \*connection of the male tabs.

The device is intended to be installed in a 0.030 to 0.080 in thick panel.

Although these devices do not accept branch circuit conductors, their terminals do accept conductors that may be connected to a branch circuit (16 and 18 AWG). Therefore, these devices may be used in equipment that may be directly connected to a branch circuit.

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The following catalog numbers are similar to the basic catalog numbers with the exceptions noted below.

<u>Cat. No.</u>	<u>Similar To</u>	<u>Exceptions</u>
		*
208697	208011	Is for use with No. 18 AWG and 16 AWG insulated solid copper wire.
		*
213598	<b>208011</b>	Provided with terminals which mount to printed circuit board; change in housing dimensions.
		*
213878	<b>208011</b>	Not provided with a ground contact.

Prefixes and Suffixes - The catalog numbers may be provided with the following prefixes and suffixes, either singly or in combinations.

Prefixes - 0-9      Used to signify color and/or molding materials.

Suffixes - 0-9      Used to signify color and/or molding materials.

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

1. Wiring should be secured, such that the terminal and back cover are not subject to any stress or pulls.
2. The suitability of the quick-connect receptacles with other than Standard 0.205 by 0.020 in male tabs has not been determined.
3. Each terminal is suitable for one 14 AWG or 18 AWG solid wire. The 14 AWG solid conductor may be insulated or uninsulated.
4. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.
5. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a max temperature of 95°C.
6. Cat. No. 208697 has been subjected to the Grounding Contact Test, Par. 119 in UL 498 the Standard for Attachment Plugs and Receptacles, Thirteenth Edition with acceptable results. The devices were mounted as described below.

Cat. No.	Panel Material and Thickness	Cutout Dimensions
208697	Galvanized Steel, 0.060 in	0.965 square

The acceptability of the receptacle, in combination with the panel thickness and cutout opening, dimensions shall be reviewed to determine whether they are sufficient to represent the actual mounting in the end-use.

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8. Cat. No. 213878 is a NEMA, 1-15, non-grounding configuration outlet and as such is not suitable for Branch Circuit installation (NEC, Art. 550-13).

9. These devices have been tested for use in electrical equipment may be directly connected to the branch circuit and the suitability shall be determined in the end use.

10. When subjected to the Temperature Test described in UL 498, the Standard for Attachment Plugs and Receptacles, these devices exhibited a maximum temperature rise of no more than 30°C when carrying the rated 15 A current.