

## DESCRIPTION

## PRODUCT COVERED:

\*USR, CNR: Appliance Inlet, Series 6100, 6102, 6110, 6120, 6130 and 6150. Refer to Nomenclature Breakdown for type designations. This series may be provided with additional suffixes or prefixes consisting of up to three letters, numbers or alphanumeric combination which are provided for commercial purposes or packaging variations.

## GENERAL:

These 2-pole, 3-wire or 2-pole, 2-wire Appliance Inlets are rated 15 A, 250 Vac. This device configuration and voltage rating are as indicated below:

Series	Electrical Rating	Configuration
6100	15 A, 250 V ac	C14
6102	15 A, 250 V ac	C18
6110	15 A, 250 V ac	C16
6120	15 A, 250 V ac	C16A
6130	15 A, 250 V ac	C14
6150	15 A, 250 V ac	C14

\*USR - Indicates investigation to the requirements of the **United States** Standard **as referenced in the Test Record**.

\*CNR - Indicates investigation to the requirements of the Canadian National Standards **as referenced in the Test Record**.

## ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

\* Use - For use only in complete equipment where the acceptability of the combination is determined by **UL LLC**.

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

1. The electrical spacings are suitable for the application.
2. The suitability of the electrical and mechanical connection has not been investigated.
3. The reliability of the mounting means shall be determined in the end use.
4. The maximum temperature rise on terminal of the component shall not exceed 45°C during end-use application.

## NOMENCLATURE BREAKDOWN SERIES 6100

6100 - X X X X - X X X **X** - 00  
I II III IV V VI VII **VIII**

## I - Panel mounting

- 3 = Screw mounting
- 4 = Snap-in mounting
- 9 = Rivet mounting

## II - Line Terminal

- 1 = Solder Terminal 3.5 x 0.8 mm
- 2 = Quick-connect terminal 4.8 x 0.8 mm
- 3 = Quick-connect terminal 6.3 x 0.8 mm

## III - Neutral Terminal

- 1 = Solder Terminal 3.5 x 0.8 mm
- 2 = Quick-connect terminal 4.8 x 0.8 mm
- 3 = Quick-connect terminal 6.3 x 0.8 mm

## IV - Ground Terminal

- 1 = Solder Terminal 3.5 x 0.8 mm
- 2 = Quick-connect terminal 4.8 x 0.8 mm
- 3 = Quick-connect terminal 6.3 x 0.8 mm

## V - Panel thickness

- 0 = for screw and rivet mounting
- 1 = Snap-in 0.8 mm
- 2 = Snap-in 1.0 mm
- 3 = Snap-in 1.2 mm
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 1.6 mm
- 6 = Snap-in 2.0 mm
- 7 = Snap-in 2.5 mm
- 8 = Snap-in 3.0 mm

## VI - Color

- 1 = black

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- 4 = black (enhanced requirements)
- 5 = white (enhanced requirements)
- 6 = grey (enhanced requirements)

## VII - Additional parts for Protection

- 0 = without
- 1 = with Inlet Gasket **and Sealing Kit**
- 2 = with Inlet Gasket and Cord retaining Kit

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Vol. 1

Sec. 36  
and Report

Page 3A

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VIII - Plastic

0 = Fossil

1 = Biogen

## NOMENCLATURE BREAKDOWN SERIES 6102

6102 - X X X 0 - X X X **X** - 00  
I II III IV V VI **VII**

## I - Panel mounting

- 3 = Screw mounting
- 5 = Snap-in mounting
- 9 = Rivet mounting

## II - Line Terminal

- 1 = Solder Terminal 3.5 x 0.8 mm
- 2 = Quick-connect terminal 4.8 x 0.8 mm
- 3 = Quick-connect terminal 6.3 x 0.8 mm

## III - Neutral Terminal

- 1 = Solder Terminal 3.5 x 0.8 mm
- 2 = Quick-connect terminal 4.8 x 0.8 mm
- 3 = Quick-connect terminal 6.3 x 0.8 mm

## IV - Panel thickness

- 0 = for screw and rivet mounting
- \*
- 2 = Snap-in 1.0 mm
- 3 = Snap-in 1.2 mm
- 4 = Snap-in 1.5 mm
- \*
- 6 = Snap-in 2.0 mm
- 7 = Snap-in 2.5 mm
- 8 = Snap-in 3.0 mm

## V - Color

- 1 = black
- \*
- 4 = black (enhanced requirements)
- 5 = white (enhanced requirements)
- 6 = grey (enhanced requirements)

## VI - Snap position

- 0 = **for** screw and rivet mounting
- 1 = snap element on long side
- 2 = snap element on short side

**VII - Plastic**

- 0 = Fossil**
- 1 = Biogen**

## NOMENCLATURE BREAKDOWN SERIES 6110

6110    -    X    X    X    X    -    X    X    00  
              I    II    III    IV            V    VI

## I - Panel mounting

- 3    =    Screw mounting
- 4    =    Snap-in mounting
- 9    =    Rivet mounting

## II - Line Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## III - Neutral Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## IV - Ground Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## V - Panel thickness

- 0    =    for screw and rivet mounting
- 1    =    Snap-in 0.8 mm
- 2    =    Snap-in 1.0 mm
- 3    =    Snap-in 1.2 mm
- 4    =    Snap-in 1.5 mm
- 5    =    Snap-in 1.6 mm
- 6    =    Snap-in 2.0 mm
- 7    =    Snap-in 2.5 mm
- 8    =    Snap-in 3.0 mm

## VI - Color

- 1    =    black
- 4    =    black (enhanced requirements)

## NOMENCLATURE BREAKDOWN SERIES 6120

6120    -    X    X    X    X    -    X    X    00  
              I    II    III    IV            V    VI

## I - Panel mounting

- 3    =    Screw mounting
- 5    =    Snap-in mounting
- 9    =    Rivet mounting

## II - Line Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## III - Neutral Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## IV - Ground Terminal

- 1    =    Solder Terminal 3.5 x 0.8 mm
- 2    =    Quick-connect terminal 4.8 x 0.8 mm
- 3    =    Quick-connect terminal 6.3 x 0.8 mm

## V - Panel thickness

- 0    =    for screw and rivet mounting
- 1    =    Snap-in 0.8 mm
- 2    =    Snap-in 1.0 mm
- 3    =    Snap-in 1.2 mm
- 4    =    Snap-in 1.5 mm
- 5    =    Snap-in 1.6 mm
- 6    =    Snap-in 2.0 mm
- 7    =    Snap-in 2.5 mm
- 8    =    Snap-in 3.0 mm

## VI - Color

- 1    =    black

## NOMENCLATURE BREAKDOWN SERIES 6130

\*6130 - X X X - X X **XX**  
I II III IV V **VI**

## I - Line Terminal

- 1 = Solder Terminal
- 4 = PCB Terminal

## II - Neutral Terminal

- 1 = Solder Terminal
- 4 = PCB Terminal

## III - Ground Terminal

- 1 = Solder Terminal
- 4 = PCB Terminal
- 5 = PCB Terminal with solder port

## IV - Panel thickness

- 1 = Snap-in 0.8 mm
- 2 = Snap-in 1.0 mm
- 3 = Snap-in 1.2 mm
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 1.6 mm
- 6 = Snap-in 2.0 mm
- 7 = Snap-in 2.5 mm
- 8 = Snap-in 3.0 mm

## V - Color

- 1 = black
- 3 = grey

**VI - Customer specific type**

- 00 = Standard**
- 01 = V-Lock**



## NOMENCLATURE BREAKDOWN SERIES 6150

6150 - X X X - X X 00  
I II III IV V

## I - Line Terminal

4 = PCB Terminal

## II - Neutral Terminal

4 = PCB Terminal

## III - Ground Terminal

4 = PCB Terminal

## IV - Panel thickness

1 = Snap-in 0.8 mm

2 = Snap-in 1.0 mm

3 = Snap-in 1.2 mm

4 = Snap-in 1.5 mm

5 = Snap-in 1.6 mm

6 = Snap-in 2.0 mm

7 = Snap-in 2.5 mm

8 = Snap-in 3.0 mm

## V - Color

1 = black