

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component - Appliance Inlet, Series 1601, 1621, 1624, 4793, 4798 and GSP4. Refer to Nomenclature Breakdown for type designations.

GENERAL:

These 2-pole, 3-wire or 2-pole, 2-wire Appliance Inlets are rated 20 A, 250 V ac. The subject devices have been investigated to UL 60320-1 Class (I) and Class (II) equipment, cold condition. This device configuration and voltage rating are as indicated below:

*Series.	Electrical Rating	Configuration
1601	20 A, 250 V ac	C20
1621	20 A, 250 V ac	C20
1624	20 A, 250 V ac	C20
4793	20 A, 250 V ac	C20, C24
*		
4798	20 A, 250 V ac	C20, C24
*		
GSP4	20 A, 250 V ac	C20, C24
*		

USR - Indicates investigation to the requirements of the Standard for Appliance Couplers For Household And Similar General Purposes, UL 60320-1

CNR - Indicates investigation to the requirements of the Canadian National Standards for Appliance Couplers For Household And Similar General Purposes, C22.2 No. 60320-1-11.

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

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

Conditions of Acceptability - When installed in the end-use equipment, consideration shall be given to the following:

1. The suitability of the mounting means shall be determined in the end use.
2. The suitability at electrical connection to the terminal shall be determined in the end use application.
3. These devices shall be installed in compliance with the enclosure, mounting, spacing, casualty, and segregation requirements in each end-use application.
4. The maximum temperature rise on terminal of the component shall not exceed 45°C during end-use application
5. The suitability for the retaining mechanism shall be determined in end use application.
6. The screw terminals can accommodate 12-16 AWG solid or stranded and the screws have been evaluated to a torque of 7.1 lbf-in.

NOMENCLATURE BREAKDOWN 1601

1601 - X - X X X 0 - X - X X
I II III IV V VI VII

I - Protection Class

X = Class (I)

II - Terminal L

4 = PCB & Solder terminal

III - Terminal N

4 = PCB & Solder terminal

IV - Terminal PE

6 = PCB & Solder terminal

V - Color

A = black

VI - Style

2 = flange with through holes

VII - Additional terminal

0 = without

9 = Quick connect terminal 6.3 x 0.8 mm

NOMENCLATURE BREAKDOWN 1621

1621	-	X	-	X	X	X	0	-	X	-	X	00	
		I		II	III	IV			V		VI		

I - Protection Class

X = Class (I)

II - Terminal L &**III - Terminal N &****IV - Terminal PE**

2 = Solder terminal short (L = 4.8 mm)

3 = Solder terminal long (L = 8.5 mm)

8 = Quick-connect terminal 4.8 x 0.8 mm

9 = Quick-connect terminal 6.3 x 0.8 mm

A = Screw terminal

V - Color

A = black

B = grey

D = white

VI - Mounting

1 = Screw mounting

2 = Rivet mounting

NOMENCLATURE BREAKDOWN 1624

1624 - X - X X X 0 - X - X XX X
I II III IV V VI VII VIII

I - Protection Class

X = Class (I)

II - Terminal L &

III - Terminal N &

IV - Terminal PE

2 = Solder terminal short (L = 4.8 mm)
3 = Solder terminal long (L = 8.5 mm)
8 = Quick-connect terminal 4.8 x 0.8 mm
9 = Quick-connect terminal 6.3 x 0.8 mm

V - Color

A = black
B = grey
D = white

VI - Mounting

4 = Snap-in mounting

VII - Panel thickness

15 = Snap-in 1.5 mm
20 = Snap-in 2.0 mm
25 = Snap-in 2.5 mm
30 = Snap-in 3.0 mm

VIII - Style (optional)

0 = Standard
V = V-Lock

NOMENCLATURE BREAKDOWN 4793

4793 - X X X X - X X 00
I II III IV V VI

I - Panel thickness

- 0 = Special Socket for filter
- 3 = Snap-in 1.0 mm
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 2.0 mm
- 6 = Snap-in 2.5 mm
- 7 = Snap-in 3.0 mm
- 8 = Snap-in 1.2 mm

II - Terminal L

- 1 = Solder
- 3 = Quick Connect 6.3 x 0.8

III - Terminal N

- 1 = Solder
- 3 = Quick Connect 6.3 x 0.8

IV - Terminal PE

- 0 = Without
- 1 = Solder
- 3 = Quick Connect 6.3 x 0.8
- 8 = Solder, special
- 9 = Earth Bar

V - Color

- 0 = Black
- 2 = White

VI - Locking system

- 0 = without
- 1 = V-Lock

NOMENCLATURE BREAKDOWN 4798

4798 - X X X X - X XX
I II III IV V VI

I - Additional parts for IP Protection

8 = Inlet Gasket and Sealing Kit
9 = Without

II - Terminal L

1 = Solder
2 = Quick Connect 4.8 x 0.8
3 = Quick Connect 6.3 x 0.8

III - Terminal N

1 = Solder
2 = Quick Connect 4.8 x 0.8
3 = Quick Connect 6.3 x 0.8

IV - Terminal PE

0 = Without
1 = Solder
2 = Quick Connect 4.8 x 0.8
3 = Quick Connect 6.3 x 0.8
8 = Earth Bar with QC 6.3 x 0.8
9 = Earth Bar with Solder

V - Color

0 = Black
2 = White

VI - Customer specific type

00 = standard
01 = Sealing Kit without screws

NOMENCLATURE BREAKDOWN GSP4

*

GSP4 - 0 X X - X X X - X X - 00
I II III IV V VI VII

I - Mounting on PCB

- 0 = with 3mm self-tapping screws (screws not included)
- 1 = with 3mm self-tapping screws (screws included)
- 2 = with snap-in latches for PCB of 1.6 mm
- 9 = snap-in latches for PCB of 1.6 mm with locking pins

II - Insulation cover

- 0 = without insulation cover
- 1 = insulation cover, mounted
- 2 = insulation cover, separate

III - Terminal L

- 1 = PCB

IV - Terminal N

- 1 = PCB

V - Terminal PE

- 0 = without
- 5 = PCB with QC 6.3 x 0.8, 90° to PIN axis
- 7 = PCB with QC 6.3 x 0.8, in PIN axis
- C = PCB with solder, 90° to PIN axis
- E = PCB with solder, in PIN axis

VI - Color

- 1 = black

VII - Mounting on Panel

- 0 = Rear mounting
- 1 = Split panel mounting 1.0 mm
- 2 = Split panel mounting 1.2 mm
- 3 = Split panel mounting 1.5 mm
- 4 = Split panel mounting 2.0 mm
- 5 = Split panel mounting 2.5 mm
- 6 = Split panel mounting 3.0 mm
- 7 = Split panel mounting 4.0 mm