

## DESCRIPTION

## PRODUCT COVERED:

USR/CNR Component Appliance Inlet, Series DC11, DC21, EC11, KEB1, KEB2 and KP01. Refer to Nomenclature Breakdown for type designations.

**USR/CNR Component Appliance Inlet-Outlet, KP01. Refer to Nomenclature Breakdown for type designations.**

## GENERAL:

These devices are with 2-pole, 3-wire or 2-pole, 2-wire configuration. These device configurations and voltage ratings are as indicated below:

Series	Electrical Rating Appliance Inlet	Configuration Appliance Inlet	Configuration Appliance Outlet
DC11	15 A, 250 V ac	C14, C18	-
DC21	15 A, 250 V ac	C14, C18	-
EC11	20 A, 250 V ac	C20, C24	-
KEB1	15 A, 250 V ac	C14, C18	-
KEB2	15 A, 250 V ac	C14, C18	-
*KP01	15 A, 250 V ac	C14, C18	<b>F, H</b>

Series KP01 is called KP (Switch) **or KP (Outlet)** in documents for marketing purposes.

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 - 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 DC11

DC11 - X X X X - X X 0 0  
I II III IV V VI

## I - Switch

0 = Without  
1 = 2 Poles, Non illuminated 0 -  
2 = 2 Poles, Non illuminated 0 I  
3 = 2 Poles, illuminated red  
4 = 2 Poles, illuminated green  
5 = 1 Pole, Non illuminated 0 -  
6 = 1 Pole, Non illuminated 0 I

## II - Terminal PE

0 = Quick-connect 4.8 x 0.8 mm  
1 = Solder  
4 = Earth bar for Filter  
5 = without terminal (PC II)

## III - Terminal N

0 = Quick-connect 4.8 x 0.8 mm  
1 = Solder  
2 = Connection to switch  
3 = Solder for Filter  
A = Connection to switch, alternate

## IV - Terminal L

0 = Quick-connect 4.8 x 0.8 mm  
1 = Solder  
2 = Connection to switch  
3 = Solder for Filter  
A = Connection to switch, alternate

## V - Mounting

0 = Screw  
1 = Snap 1.0 mm  
2 = Snap 1.5 mm  
3 = Snap 2.0 mm  
4 = Snap 2.5 mm  
5 = Snap 3.0 mm  
6 = Snap for Filter

## VI - Color

0 = black  
1 = white

## NOMENCLATURE BREAKDOWN SERIES DC21

DC21	-	X	X	X	X	-	X	X	X	XX
		I	II	III	IV		V	VI	VII	VIII

## I - Switch

0 = Without  
 1 = 2 Poles, Non illuminated 0 -  
 2 = 2 Poles, Non illuminated 0 I  
 3 = 2 Poles, illuminated red  
 4 = 2 Poles, illuminated green  
 5 = 1 Pole, Non illuminated 0 -  
 6 = 1 Pole, Non illuminated 0 I

## II - Terminal PE

0 = PCB, additional Quick-connect 4.8 x 0.8 mm  
 4 = Earth bar for Filter  
 5 = without terminal (PC II)

## III - Terminal N

0 = PCB  
 2 = Connection to switch  
 3 = Solder for Filter

## IV - Terminal L

0 = Quick-connect 4.8 x 0.8 mm  
 2 = Connection to switch

## V - Mounting

1 = Screw, 4 Holes for M3 (screw not included)  
 6 = For Filter (without back cover)

## VI - Colour

0 = black

## VII - Back cover

0 = without back cover  
 1 = with back cover

## VIII - Specific type

00 = standard  
 21 = V-Lock

## NOMENCLATURE BREAKDOWN SERIES EC11

EC11 - X X X X - X X X X  
I II III IV V VI VII

## I - Switch

- 0 = non illuminated, 0 -
- 1 = non illuminated, 0 I
- 2 = illuminated red
- 3 = illuminated green
- 5 = non illuminated, 0 - (PCB terminals)

## II - Terminal PE

- 0 = without terminal (PC II)
- 1 = Quick connect terminal 6.3 x 0.8 mm
- 2 = Solder Terminal
- 9 = Filter earth bar

## III - Terminal N

- 1 = Quick connect terminal 6.3 x 0.8 mm
- 2 = solder terminal
- 3 = wired to switch
- 4 = Filter terminal

## IV - Terminal L

- 1 = Quick connect terminal 6.3 x 0.8 mm
- 2 = solder terminal
- 3 = wired to switch
- 4 = Filter terminal

## V - Mounting

- 0 = Screw mounting
- 1 = Snap-in mounting 1.0 mm
- 2 = Snap-in mounting 1.5 mm
- 3 = Snap-in mounting 2.0 mm
- 4 = Snap-in mounting 2.5 mm
- 5 = Snap-in mounting 3.0 mm
- 6 = Snap-in mounting for filter**

## VI - Color

- 0 = black

## VII - Customer specified type

- 00 = standard
- 01 = Rocker switch 180° rotated
- 21 = with V-Lock

## NOMENCLATURE BREAKDOWN SERIES KEB1

KEB1 - X X X X - X X 0 0  
I II III IV V VI

## I - Switch

- 0 = without
- 1 = non illuminated, Quick-connect terminals 4.8 x 0.8 mm
- 2 = non illuminated, Solder terminals
- 3 = non illuminated, Solder terminals, alternate
- 4 = illuminated red 250V
- 6 = non illuminated, without marking
- 7 = non illuminated, marking ON/OFF

## II - Terminal PE

- 0 = without terminal (PC II)
- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- 4 = Earth bar for Filter

## III - Terminal N

- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- B = Solder for Filter

## IV - Terminal L

- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection to switch

## V - Mounting

- 0 = Screw
- 1 = Snap 1.5 mm
- 2 = Snap 2.0 mm
- 3 = Snap 2.5 mm

## VI - V-Lock

- 0 = without V-Lock
- 1 = with V-Lock

## NOMENCLATURE BREAKDOWN SERIES KEB2

KEB2 - X X X X - X X 0 0  
I II III IV V VI

## I - Switch

- 1 = non illuminated, QC terminals 4.8 x 0.8 mm
- 2 = illuminated red, QC terminals 4.8 x 0.8 mm
- 3 = illuminated green, QC terminals 4.8 x 0.8 mm
- 4 = non illuminated, Solder terminals
- 6 = illuminated green, Solder terminals
- 7 = non illuminated, QC terminals 4.8 x 0.8 mm, special marking
- 8 = illuminated green, QC terminals 4.8 x 0.8 mm, special marking

## II - Terminal PE

- 0 = without terminal (PC II)
- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- 4 = Earth bar for Filter

## III - Terminal N

- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection to switch

## IV - Terminal L

- 1 = Quick-connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection to switch

## V - Mounting

- 0 = Screw
- 1 = Snap 1.5 mm
- 2 = Snap 2.0 mm
- 3 = Snap 2.5 mm

## VI - V-Lock

- 0 = without V-Lock
- 1 = with V-Lock

## NOMENCLATURE BREAKDOWN SERIES KP01

KP01 - X X X X - X X X X - 0 0  
I II III IV V VI VII VIII

## I - Function

- 0 = Appliance inlet with appliance outlet**  
 1 = Appliance inlet with rocker switch 2-poles  
 2 = Appliance inlet with rocker switch 1-pole

## II - Rocker switch

- 0 = without  
 1 = non illuminated  
 8 = illuminated green

## III - Terminal PE

- 0 = without terminal (PC II)  
 1 = PCB, additional QC 4.8 x 0.8 mm in axis  
 2 = PCB, additional QC 4.8 x 0.8 mm 90°  
 3 = PCB, additional solder in axis

## IV - PCB mounting

- 0 = Screw (Self-tapping screw  $\varnothing$  3x8mm) PCB thickness max. 2.4  
 1 = Snap-in PCB thickness 1.6

## V - Panel mounting (thickness)

- 0 = without attachment  
 2 = Snap in 1.5 / 2.0 mm  
 3 = Snap in 2.5 / 3.0 mm

## VI - Color

- 1 = black

## VII - V-Lock

- 0 = without V-Lock  
 1 = with V-Lock

## VIII - Cover

- 0 = without  
 1 = with