

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR : Appliance Inlet with overload protection, Series KEA, KM, DD11 and DD21, with Fuse drawer FD2. Refer to Nomenclature Breakdown for type designations.

## GENERAL:

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

*Series	Electrical Rating	Configuration Appliance Inlet
KEA	10 A, 250 V ac	C14, C18
KM	10 A, 250 V ac	C14, C18
DD11	10 A, 250 V ac	C14, C18
DD21	10 A, 250 V ac	C14, C18

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 KM, DD11, DD21 and KEA Series are intended for use in end products where the max electrical rating needed for the inlet is 10A, 250V.**

## NOMENCLATURE BREAKDOWN SERIES KEA

KEA - X X X X - X X X X X - X X 00  
I II III IV V VI VII VIII IX X XI

## I - Voltage Selector

- 0 = Without
- 2 = Voltage Selector 2-digit
- 3 = Voltage Selector 3-digit
- 4 = Voltage Selector 4-digit

## II - Terminal PE

- 0 = Without (PC II)
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- A = PCB
- 4 = Earth Bar, long
- 5 = Earth Bar, short
- 6 = Earth Bar, for PCB

## III - Terminal N

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection (wired)
- A = PCB
- B = Filter terminal

## IV - Terminal L

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection (wired)
- A = PCB
- B = Filter terminal

## V - Terminal 3 (FD and VS)

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- A = PCB

## VI - Terminal 5 (FD and VS)

- 0 = Without
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- A = PCB

## VII - Terminal 1, 2, 4 (VS)

- 0 = Without
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder

## VIII - Terminal A (FD)

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection (wired)

## IX - Terminal B (FD)

- 0 = Without (1 pole fuseholder)
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Solder
- 3 = Connection (wired)

## X - Mounting

- 0 = Screw
- 1 = Snap-in 1.5 mm
- 2 = Snap-in 2.0 mm
- 3 = Snap-in 2.5 mm
- 5 = Version for Filter

## XI - Color Socket

- 1 = Black

## NOMENCLATURE BREAKDOWN SERIES KM

KM - XX - X X X X - X X X X - X 00  
 I II III IV V VI VII VIII IX X

## I - Socket version

- 00 = Without EMC shield
- 01 = With EMC shield
- 08 = Socket Assembly for standard filter
- 09 = Socket Assembly for medical filter

## II - Switch

- 0 = 2 pole, 0 I
- 1 = 2 pole, I 0
- 2 = 2 pole, 0 -
- 3 = 2 pole, - 0
- 4 = 1 pole, 0 I

## III - Terminal PE

- 0 = Without (PC II)
- 1 = Quick Connect 4.8 x 0.8 mm
- 4 = Earth Bar

## IV - Terminal N

- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection (wired)
- B = Filter terminal

## V - Terminal L

- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection (wired)
- B = Filter terminal

## VI - Terminal FH Line contact N

- 0 = Without (1 pole fuseholder)
- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection, to Inlet
- B = Filter terminal

## VII - Terminal FH Line contact L

- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection, to Inlet
- B = Filter terminal

## VIII - Terminal FH Load contact N

- 0 = Without (1 pole fuseholder)
- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection, to Switch

IX - Terminal FH Load contact L

- 1 = Quick Connect 4.8 x 0.8 mm
- 3 = Connection (wired)

X - Cover

- 0 = Without
- 1 = With

## NOMENCLATURE BREAKDOWN SERIES DD11

DD11 - X X X X - X X X X - X X X 0  
           I II III IV V VI VII VIII IX X XI

## I - Switch

- 0 = Without
- 1 = 2 pole, non illuminated 0 -
- 2 = 2 pole, non illuminated 0 I
- 3 = 2 pole, illuminated red
- 4 = 2 pole, illuminated green
- 5 = 1 pole, non illuminated 0 -
- 6 = 1 pole, non illuminated 0 I
- 7 = 1 pole, illuminated red
- 8 = 1 pole, illuminated green
- 9 = 2 pole, non illuminated 0 -, Rocker white

## II - Terminal PE

- 0 = Without (PC II)
- 1 = Quick Connect 4.8 x 0.8 mm
- 4 = Earth Bar, short
- 5 = Earth Bar, long
- 6 = Solder, for filter

## III - Terminal N

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection to fuse holder
- 3 = Connection to switch

## IV - Terminal L

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection to fuse holder

## V - Terminal FH Line contact N

- 0 = Without (1 pole fuseholder)
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection, to Inlet

## VI - Terminal FH Line contact L

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection, to Inlet

## VII - Terminal FH Load contact N

- 0 = Without (1 pole fuseholder)
- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection, to Switch

## VIII - Terminal FH Load contact L

- 1 = Quick Connect 4.8 x 0.8 mm
- 2 = Connection, to Switch

IX - Mounting

- 1 = Screw, version A
- 2 = Screw, version B

X - Cover

- 0 = Without
- 1 = With

XI - Color

- 0 = Black
- 1 = White



## NOMENCLATURE BREAKDOWN SERIES DD21

DD21 - X X X X - X X X X - X X X 0  
           I II III IV V VI VII VIII IX X XI

## I - Switch

- 0 = Without
- 1 = 2 pole, non illuminated 0 -
- 2 = 2 pole, non illuminated 0 I
- 3 = 2 pole, illuminated red
- 4 = 2 pole, illuminated green
- 9 = 2 pole, non illuminated 0 -, Rocker white

## II - Terminal PE

- 0 = Without (PC II)
- 1 = PCB with Quick Connect 4.8 x 0.8 mm
- 4 = Earth Bar, short
- 5 = Earth Bar, long
- 6 = Solder, for filter

## III - Terminal N

- 2 = Connection to fuse holder
- 3 = Connection to switch

## IV - Terminal L

- 2 = Connection to fuse holder

## VI - Terminal FH Line contact N

- 0 = Without (1 pole fuseholder)
- 2 = Connection, to Inlet

## VII - Terminal FH Line contact L

- 2 = Connection, to Inlet

## VIII - Terminal FH Load contact N

- 0 = Without (1 pole fuseholder)
- 2 = Connection, to Switch

## IX - Terminal FH Load contact L

- 2 = Connection, to Switch

## IX - Mounting on Panel and PCB

- 1 = Screw, 4 Holes for M3
- 6 = For Filter

## X - Cover

- 0 = Without
- 1 = With

XI - Color

0 = Black

1 = White

## NOMENCLATURE BREAKDOWN FUSE DRAWER FD2

FD2 - X X X - X X - XX  
I II III IV V VI

## I - Color

0 = Black  
1 = White

## II - Voltage Selector

0 = With voltage selector  
1 = Without voltage selector

## III - Mounting

0 = Fingergrasp  
1 = Extra Safe  
2 = Fingergrasp-safe

## IV - Contact version position L

1 = with contact for 5x20 fuse

## V - Contact version position N

0 = without  
1 = with contact for 5x20 fuse  
3 = With short-circuit spring  
4 = for spare fuse

## VI - Marking Voltage Selector

00 = With voltage selector  
01 - ZZ = Different markings on voltage selector