

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Appliance Inlet with overload protection, Series KEC, KD, with Fuse Drawer FD3, Series KE and KG, with Fuse Drawer FD1 and Voltage Selector Insert VS1. Refer to Nomenclature Breakdown for type designations.

## GENERAL:

These devices are 2-pole, 3-wire or 2-pole, 2-wire configurations with the electrical ratings as indicated below:

Series	Electrical Rating Fuse Holder	Configuration Rating	Configuration Appliance Inlet
KEC	10 A, 250 V ac	15 A, 250 V ac	C14, C18
KD-X0-XXX-XXX-XXXX KD-X1-XXX-XXX-XXXX KD-X2-XXX-XXX-XXXX KD-X5-XXX-XXX-XXXX	10 A, 250 V ac	15 A, 250 V ac	C14, C18
KD-X3-XXX-XXX-XXXX	6 A, 250 V ac	15 A, 250 V ac	C14, C18
KE	10 A, 250 V ac	15 A, 250 V ac	C14, C18
KG-X0-XXX-XXX-XXX-XX KG-X1-XXX-XXX-XXX-XX KG-X2-XXX-XXX-XXX-XX KG-X5-XXX-XXX-XXX-XX	10 A, 250 V ac	15 A, 250 V ac	C14, C18
KG-X3-XXX-XXX-XXX-XX	6 A, 250 V ac	15 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 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 KEC

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

## 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
- 4 = Earth Bar

## III - Terminal N

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

## IV - Terminal L

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

## V - Terminal 1-5

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

## VI - Terminal A

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

## VII - Terminal B

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

VIII - Mounting

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

IX - Color Socket

- 1 = Black

X - Locking System

- 0 = Without
- 1 = V-Lock

## NOMENCLATURE BREAKDOWN SERIES KD

KD - X X - X X X - X X X - X X XX  
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 - Switch

- 0 = Non illuminated, Quick Connect 4.8 x 0.8 mm
- 1 = Illuminated red, Quick Connect 4.8 x 0.8 mm
- 2 = Illuminated green, Quick Connect 4.8 x 0.8 mm
- 3 = for remote control (Bowdencable)
- 5 = without

## III - Terminal PE

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

## IV - Terminal N

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

## V - Terminal L

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

## VI - Terminal 3-7

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

## VII - Terminal A

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

## VIII - Terminal B

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

## IX - Mounting

- 0 = Screw, Countersunk
- 1 = Screw, Through hole
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 2.0 mm
- 6 = Snap-in 2.5 mm

## X - Color Socket

- 1 = Black

## XI - Customer specific

- 00 = Standard
- 01 = Silver-coated connection

## NOMENCLATURE BREAKDOWN FUSE DRAWER FD3

FD3	-	X	X	X	-	X	X	-	XX
		I	II	III		IV	V		VI

## I - Color

- 0 = black

## II - Voltage Selector

- 0 = with voltage selector
- 1 = without voltage selector

## III - Fingergrasp

- 0 = Fingergrasp
- 1 = Extra Safe

## IV - Contact version position L

- 1 = with contact for fuse 5 x 20 mm
- 2 = with contact for fuse 6.3 x 32 mm

## V - Contact version position N

- 0 = without
- 1 = with contact for fuse 5 x 20 mm
- 2 = with contact for fuse 6.3 x 32 mm
- 3 = with short-circuit spring
- 4 = for spare fuse

## VI - Marking

- 00 = without voltage selector / marking
- 00...ZZ = reserved for different markings for voltage selector

## NOMENCLATURE BREAKDOWN SERIES KE

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

## I - Voltage Selector

- 1 = Voltage Selector System 1, 3, 4
- 2 = Voltage Selector System 2

## II - Terminal PE

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

## III - Terminal N

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

## IV - Terminal L

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

## V - Terminal 3-10

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

## VI - Terminal A

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

## VII - Terminal B

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

## VIII - Mounting

- 0 = Screw, Countersunk
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 2.0 mm
- 6 = Snap-in 2.5 mm

IX - Color Socket

1 = Black

X - Locking System

0 = without

1 = V-Lock



## NOMENCLATURE BREAKDOWN SERIES KG

KG - 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

- 1 = Voltage Selector System 1, 3, 4
- 2 = Voltage Selector System 2

## II - Switch

- 0 = Non illuminated, Quick Connect 4.8 x 0.8 mm
- 1 = Illuminated red, Quick Connect 4.8 x 0.8 mm
- 2 = Illuminated green, Quick Connect 4.8 x 0.8 mm
- 3 = for remote control (Bowdencable)
- 4 = Non illuminated, Quick Connect 4.8 x 0.8 mm (alt. button marking)**
- 5 = without

## III - Terminal PE

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

## IV - Terminal N

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

## V - Terminal L

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

## VI - Terminal 3-10

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

## VII - Terminal A

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

## VIII - Terminal B

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

## IX - Mounting

- 0 = Screw, Countersunk
- 1 = Screw with insert nut M3
- 4 = Snap-in 1.5 mm
- 5 = Snap-in 2.0 mm
- 6 = Snap-in 2.5 mm

## X - Color Socket

- 1 = Black

## XI - Locking System

- 0 = without
- 1 = V-Lock

## NOMENCLATURE BREAKDOWN FUSE DRAWER FD1

FD1 - X X - X X  
I II III IV

## I - Color

- 0 = black

## II - Fingergrip

- 1 = Extra Safe

## II - Contact version position L

- 1 = with contact for fuse 5 x 20 mm
- 2 = with contact for fuse 6.3 x 32 mm

## IV - Contact version position N

- 0 = without
- 1 = with contact for fuse 5 x 20 mm
- 2 = with contact for fuse 6.3 x 32 mm
- 3 = with short-circuit spring
- 4 = for spare fuse

## NOMENCLATURE BREAKDOWN VOLTAGE SELECTOR VS1

VS1 - 00 XX - XX  
I II

## I - Voltage Selector System

- 48 = system 1 & system 2
- 49 = system 4
- 50 = system 3
- 55 = customer specific system
- 56 = customer specific system

## II - Marking

- 00...ZZ = reserved for different markings for voltage selector