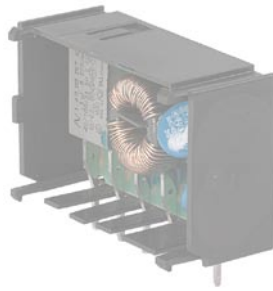


IEC Appliance Inlet C14 with Line Switch 1- or 2-pole



Inlet with line switch

KPF Filter Module
(not enclosed)**Description**

- Panel Mount:
Sandwich/rear-side
- 2 Functions:
Appliance Inlet Protection class I, Line Switch 1- and 2- pole
- For PCB mounting

Approvals

- VDE Certificate Number: 40029369
- UL File Number: E96454
- CSA File Number: 38456
- CCC File Number: 2013010204592940

Characteristics

- Panel mount from rear or "sandwich" between top and bottom/side to side panels
- PCB mount with snap-in or screw-on feet (self tapping screws Ø 3 x 8 mm)
- All single elements are already wired
- Line switch non-illuminated
- Insulation cover on the rear-side
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

- Solder terminals
- Quick-connect terminals
- Line switch, illuminated (only 2-pole version)
- Line switch with other rocker marking
- For protection class II

References

Alternative: version with line filter [KPF](#)

We recommend for new applications the new type [DC21](#)

Weblinks

[pdf-datasheet](#), [html-datasheet](#), [General Product Information](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [CAD-Drawings](#), [Accessories](#), [Detailed request for product](#)

Newly available variants corresponding to V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

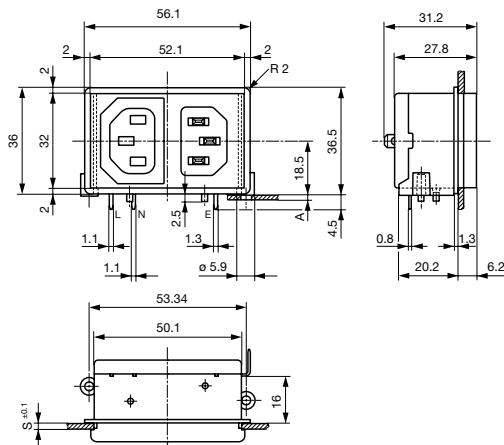
Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.3 kVAC between L-N > 2.8 kVAC between L/N-PE (1 min/50 Hz)
Allowable Operation Temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	For PCB mounting Quick connect terminals 4.8 x 0.8 mm Solder terminal on request
Panel Thickness s	Snap-in: 1.5/2/2.5/3 mm
Material: Housing	Thermoplastic, black, UL 94V-0

Appliance Inlet	C14 acc. to IEC 60320, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class I
Line Switch	Rocker switch 1 or 2 pole, non-illuminated, acc. to IEC 61058-1 Technical Details

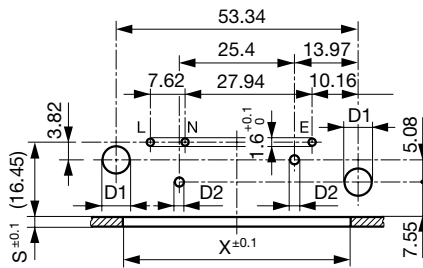
Dimensions

Screw on PCB mounting

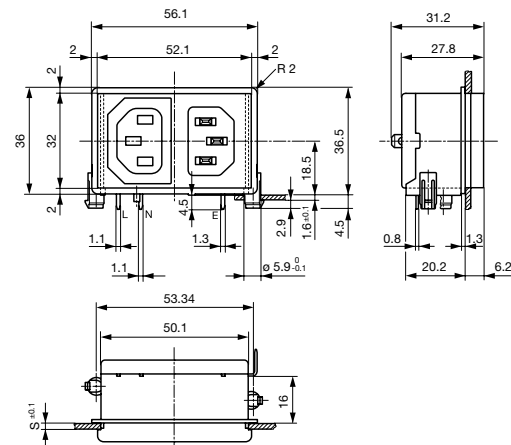


A = for PCB-thickness 1.2/1.6/2.0/2.4 mm
Additional quick connect terminal 4.8 x 0.8 mm

For 2-pole inlet/switch, 2-pole inlet fuseholder and inlet/outlet

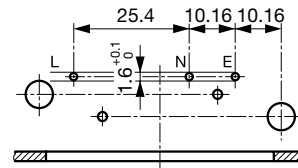


Snap-in mounting



Additional quick connect terminal 4.8 x 0.8 mm
s = panel thickness

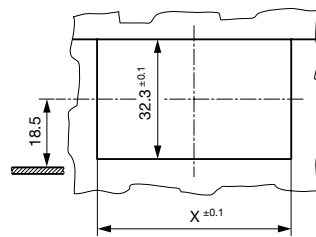
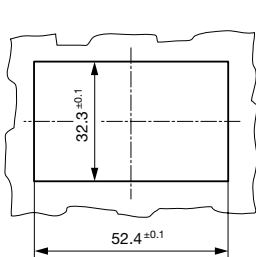
for combinations:
inlet/switch 1-pole
Inlet/ fuseholder 1-pole



S and X see mounting holes

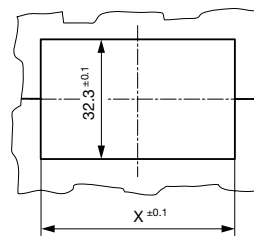
Mounting holes for backside mounting

Sandwich mounting holes

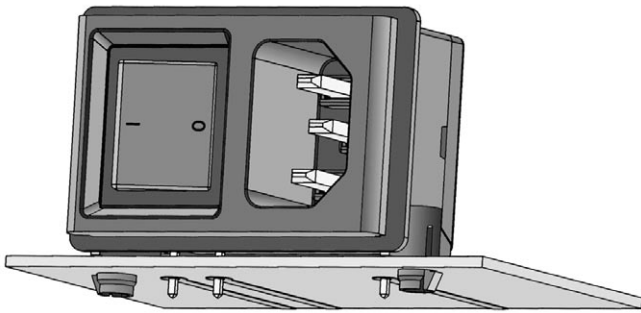


X = 48.4 at S = 1.5 and 2.5
X = 50.4 at S = 2.0 and 3.0

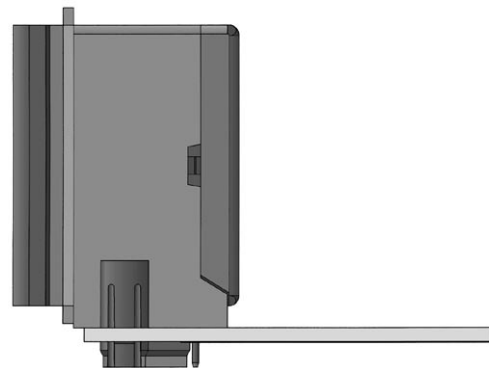
Sandwich mounting holes



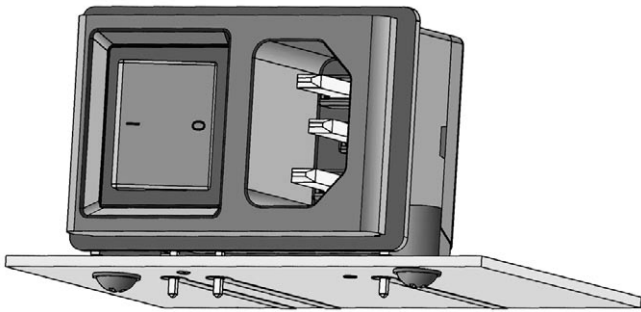
X = 48.4 at S = 1.5 and 2.5
X = 50.4 at S = 2.0 and 3.0

Mounting instructions

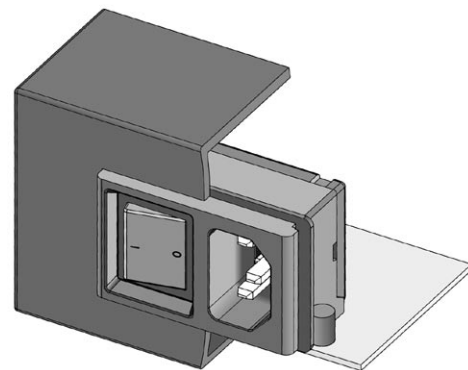
Stable snap feet requires minimal insertion force



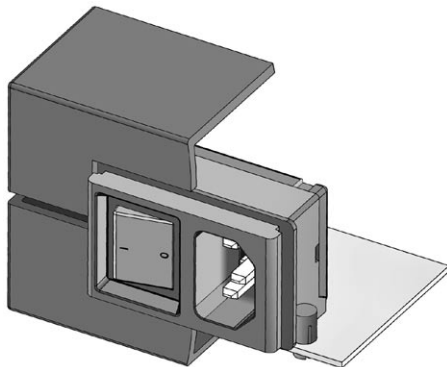
Module must lay flat on the PCB when soldering



Screw-on mount
uses self-tapping screws



Insertion from behind



"Sandwich" mounting with split enclosure panels

Other dimensions as for 2-poles

d1 = 6 ± 0.05 for (snap-in)

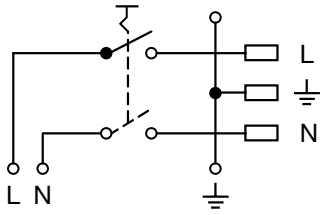
d1 = 3.6 (screw-on)

d2 = 2 ± 0.1 (screw-on)

Dimensions without tolerance:

$\leq 15 = \pm 0.05$; $\geq 15 = \pm 0.1$

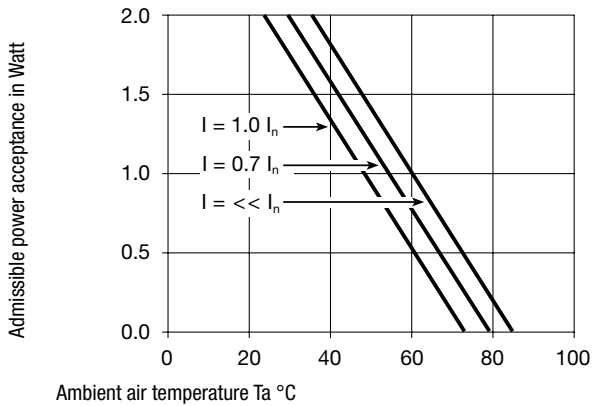
Diagrams



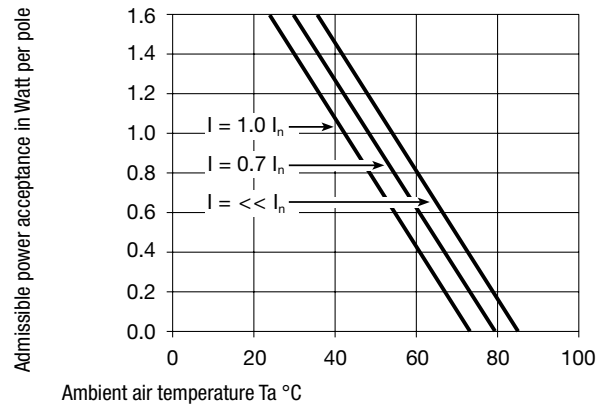
Inlet with line switch

Derating Curves

1-pole



2-pole



Variants

Panel mounting	Panel Thickness s [mm]	PCB [mm]	Line Switch	Fuseholder	Connector	Order Number
Screw	2	1.2/1.6/2.0/2.4	1-pole	-	-	KP01.1252.11
Screw	2	1.2/1.6/2.0/2.4	2-pole	-	-	KP01.1152.11
Screw	3	1.2/1.6/2.0/2.4	1-pole	-	-	KP01.1253.11
Screw	3	1.2/1.6/2.0/2.4	2-pole	-	-	KP01.1153.11
Snap-in	2	1.6	1-pole	-	-	KP01.1212.11
Snap-in	2	1.6	2-pole	-	-	KP01.1112.11
Snap-in	3	1.6	1-pole	-	-	KP01.1213.11
Snap-in	3	1.6	2-pole	-	-	KP01.1113.11

Type KP without cover: KP01.XXXX.XX90

Ground Terminal with solder pin: KP01.XXXX.X3XX

Suffix ".21" corresponds to the version with V-Lock mating cordset. The connector is equipped with a notch intended for use with the latching cordset. The cord latching system prevents against accidental removal of the cordset.

Packaging unit 50 Pcs

Mating Outlets/Connectors

Category / Description

[Appliance Outlet Overview complete](#)



IEC Appliance Outlet F, Screw-on Mounting, Front Side, Solder Terminal 4787

IEC Appliance Outlet F, Snap-in Mounting, Front Side, Solder or Quick-connect Terminal 4788

IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder, PCB or Quick-connect Terminal 5091

IEC Appliance Outlet F or H, Screw-on Mounting, Front Side, Solder or Quick-connect Terminal 5092

[Appliance Outlet further types to KP \(Switch\)](#)


[Connector Overview complete](#)

IEC Connector C15, Rewireable, Straight	0101
IEC Connector C15A, Rewireable, Straight	0102
IEC Connector C15A, Rewireable, Straight	0102-G
IEC Connector C15A, Rewireable, Angled	0112
IEC Connector C13, Rewireable, Angled	4012
Connector further types to KP (Switch)	...


[Power Cord Overview complete](#)

Power Cord with IEC Connector C13, Angled	0311
Power Cord with IEC Connector C13, Angled	3011
Power Cord with IEC Connector C13, Angled	3012
Power Cord with IEC Connector C13, Angled	3013
Power Cord with IEC Connector C13	3020
Power Cord further types to KP (Switch)	...

Mouser Electronics

Authorized Distributor

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Schurter:

[KP01.1352.01](#) [KP01.1312.01](#) [KP01.1252.11](#) [KP01.1112.11](#) [KP01.1412.01](#) [KP01.1452.01](#) [KP01.1152.11](#)
[KP01.1212.11](#) [KP01.1112.81](#) [KP01.1112.86](#) [KP01.1113.11](#) [KP01.1115.11](#) [KP01.1153.11](#) [KP01.1352.03](#)
[KP01.1153.1190](#) [KP01.1253.11](#) [KP01.1312.0190](#) [KP01.1313.01](#) [KP01.1353.01](#) [KP01.1412.0190](#) [KP01.1413.01](#)
[KP01.1453.01](#) [KP01.1453.0190](#) [KP01.1752.10](#)