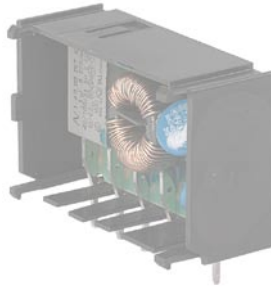


IEC Appliance Inlet C14 with Line Switch 1- or 2-pole



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: 40008635
- UL File Number: E96454
- CSA File Number: 38456

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

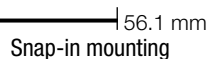
[pdf](#), [html](#), [General Product Information](#), [Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Shop](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#), [Accessories](#), [Detailed request for product](#)

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.

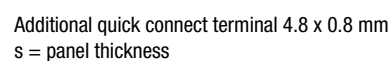
Technical Data

Ratings IEC	10 A / 250 VAC; 50 Hz	Appliance Inlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10 A, Protection Class 1
Ratings UL/CSA	15 A / 250 VAC; 60 Hz	Line Switch	Rocker switch 1 or 2 pole, non-illuminated, acc. to IEC 61058-1 Technical Details
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 1 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		

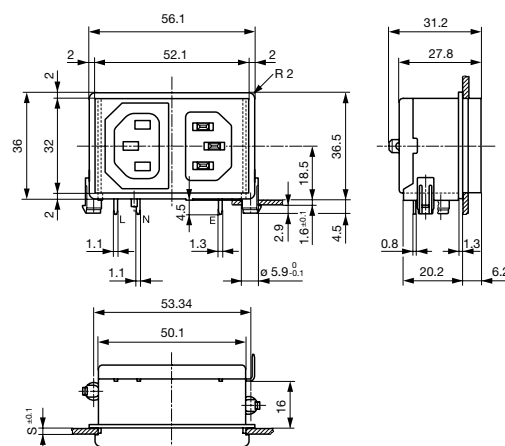
Screw on PCB mounting



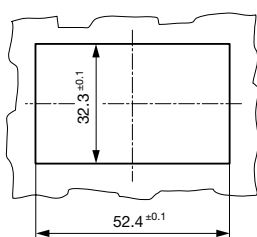
For 2-pole inlet/switch, 2-pole inlet fuseholder and inlet/outlet



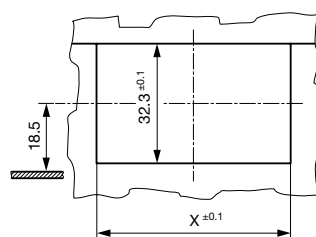
for combinations:
inlet/switch 1-pole
Inlet/ fuseholder 1-pole



Mounting holes for backside mounting



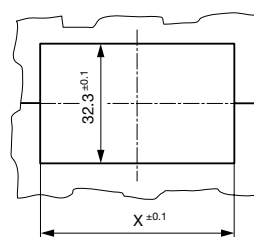
Sandwich mounting holes



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

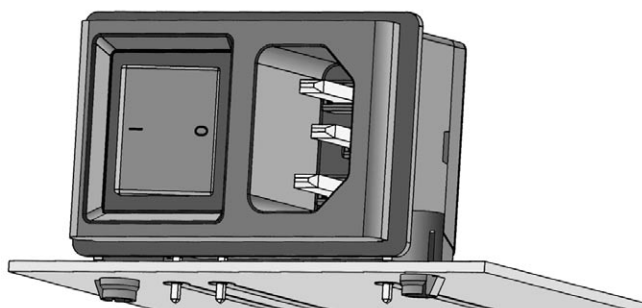
S and X see mounting holes

Sandwich mounting holes

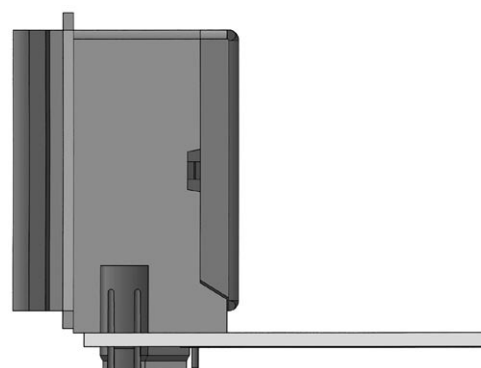


X = 48.4 at S = 1.5 and 2.5
X = 50.4 at S = 2.0 and 3.0

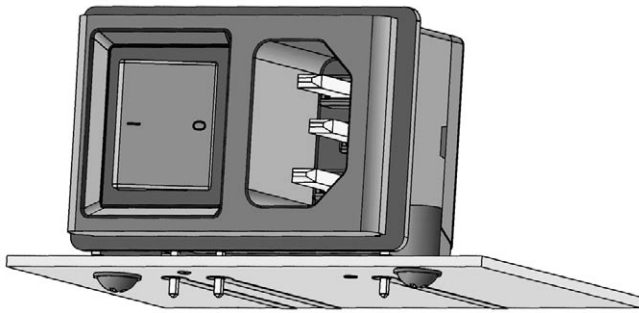
Dimensions



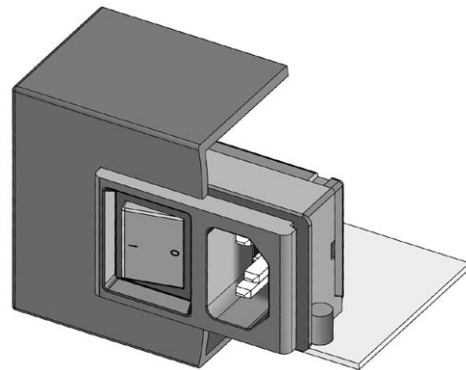
Stable snap feet requires minimal insertion force



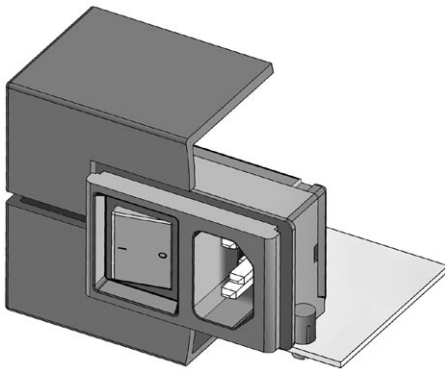
Module must lay flat on the PCB when soldering



Screw-on mount
uses self-tapping screws



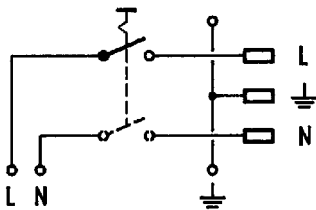
Insertion from behind



"Sandwich" mounting with split
enclosure panels

Other dimensions as for 2-poles
 $d1 = 6 \pm 0.05$ for (snap-in)
 $d1 = 3.6$ (screw-on)
 $d2 = 2 \pm 0.1$ (screw-on)
 Dimensions without tolerance:
 $\leq 15 = \pm 0.05$; $\geq 15 = \pm 0.1$

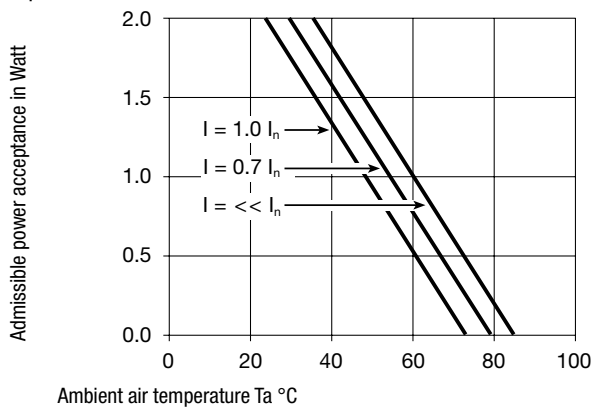
Diagrams



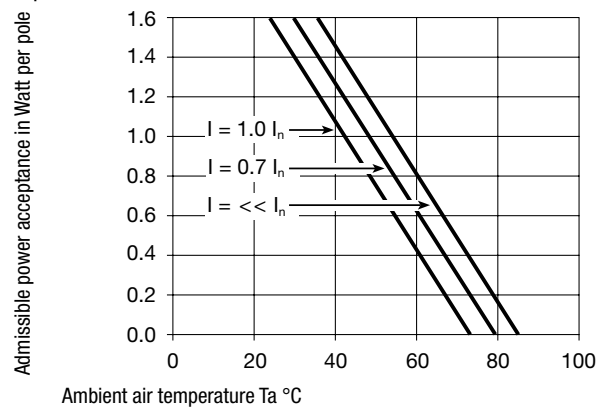
Inlet with line switch

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

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 toKP (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 toKP (Switch)

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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 toKP (Switch)

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