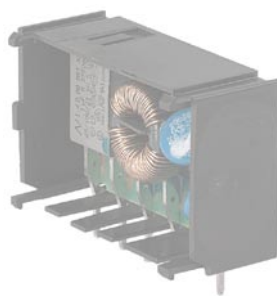


IEC Appliance Inlet C14 with Fuseholder 1- or 2-pole

Medical fuse drawer



Inlet with fuseholder (5x20 mm)

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

- Panel Mount:
Sandwich/rear-side
- 2 Functions:
Appliance Inlet Protection class I, Fuseholder for fuse-links 5 x 20 mm
1- or 2-pole
- For PCB mounting
- Alternative: version with line filter [KPF](#); [KPS](#)

Approvals

- VDE License Number: 40008635
- UL License Number: E93617
- CSA License 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 <BREAK/> feet (self tapping screws Ø 3 x 8 mm)
- All single elements are already wired
- Fuse drawer meets requirements of medical standard IEC/EN 60601-1
The fuse drawer can only be opened with the aid of a tool
The fuseholder is accessible from the equipment front
- Insulation cover on the rear-side
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

- Solder terminals
- Quick-connect terminals
- For protection class II

References[General Product Information](#)**Weblinks**

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [Mating Connectors](#), [e-Store](#),
[Distributor-Stock-Check](#), [Accessories](#)

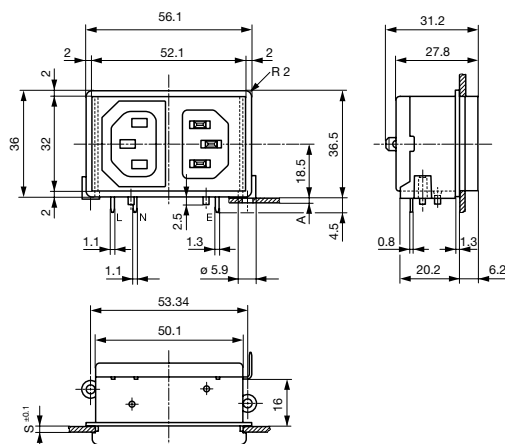
Technical Data

Ratings IEC	10A / 250VAC; 50Hz
Ratings UL/CSA	10A / 125VAC; 60Hz
Dielectric Strength	> 2.3kVAC between L-N > 2.8kVAC between L/N-PE (1 min/50Hz)
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

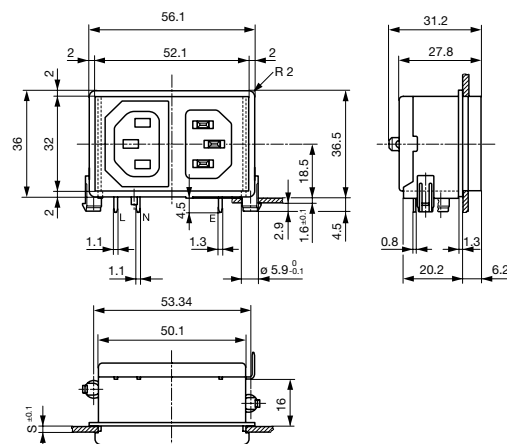
Appliance Inlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold conditions) pin-temperature 70 °C, 10A, Protection Class 1
Fuseholder	1 or 2 pole, Shocksafe category PC2 acc. to IEC 60127-6, for fuse-links 5 x 20mm
Rated Power Acceptance @ Ta 23 °C	5 x 20: 2W (1 pole)/ 1.6W (2-pole) per pole
Power Acceptance @ Ta > 23°C	Admissible power acceptance at higher ambient temperature see derating curves

Dimensions

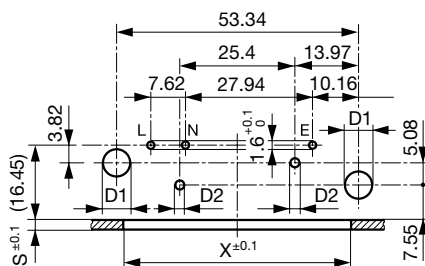
Screw on PCB mounting



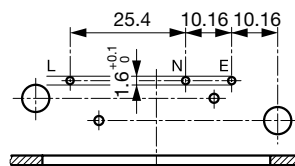
Snap-in mounting



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



Additional quick connect terminal 4.8 x 0.8 mm
s = panel thickness
for combinations:
inlet/switch 1-pole
Inlet/ fuseholder 1-pole

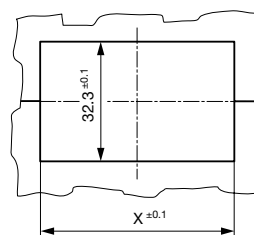
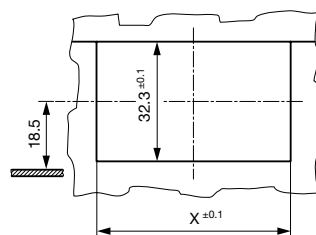
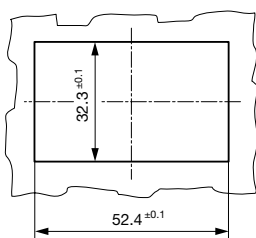


Mounting holes for backside moun-
ting

Sandwich mounting holes

S and X see mounting holes

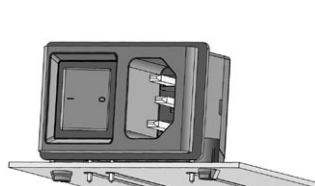
Sandwich mounting holes



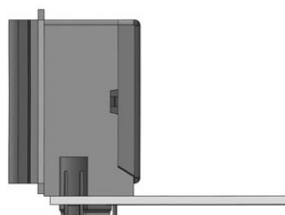
X = 48.4 at S = 1.5 and 2.5
X = 50.4 at S = 2.0 and 3.0

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

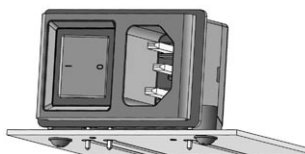
Dimensions



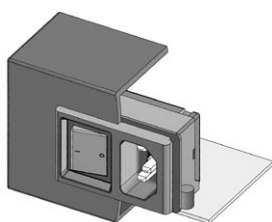
Stable snap feet requires minimal
insertion force



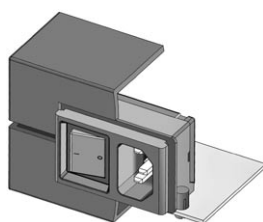
Module must lay flat on the PCB when
soldering



Screw-on mount
uses self-tapping screws



Insertion from behind



"Sandwich" mounting with split enclosure panels

Other dimensions as for 2-poles

d1 = 6 ± 0.05 for (snap-in)

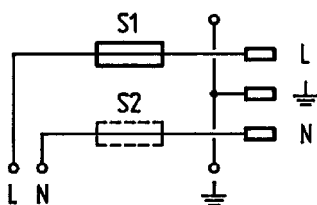
d1 = 3.6 (screw-on)

d2 = 2 ± 0.1 (screw-on)

Dimensions without tolerance:

≤ 15 = ± 0.05; ≥ 15 = ± 0.1

Diagrams



Inlet with fuseholder
(5 x 20 mm)

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	-	KP01.1452.01
Screw	2	1.2/1.6/2.0/2.4	-	2-pole	-	KP01.1352.01
Screw	3	1.2/1.6/2.0/2.4	-	1-pole	-	KP01.1453.01
Screw	3	1.2/1.6/2.0/2.4	-	2-pole	-	KP01.1353.01
Snap-in	2	1.6	-	1-pole	-	KP01.1412.01
Snap-in	2	1.6	-	2-pole	-	KP01.1312.01
Snap-in	3	1.6	-	1-pole	-	KP01.1413.01
Snap-in	3	1.6	-	2-pole	-	KP01.1313.01

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 or Quick-connect 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 \(FH\)](#)



[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 \(FH\)](#)

...

[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 \(FH\)](#)

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