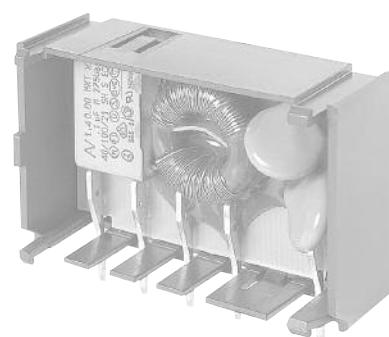
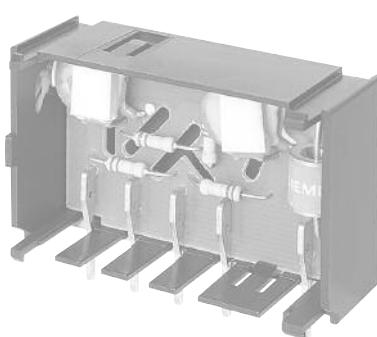


KP (Switch)

Actual information about approvals can be found on
<http://www.schurter.com/approvals>



Inlet with line switch

C14



70° C

Description

- Panel Mount:
Sandwich or rear-side
- 2 Functions:
Inlet Protection class I, Line switch 1- and 2-pole
- For PCB mounting
- Alternative: version with line filter **KPF**; **KPS**
- We recommend for new applications type **DC21**

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
- 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

Technical Data

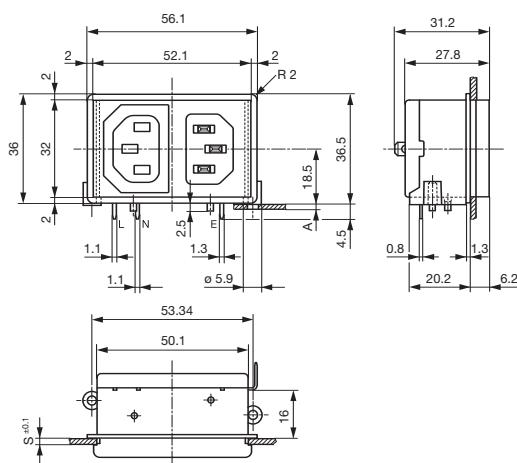
Ratings IEC	10 A / 250 VAC; 50 Hz
Ratings UL/CSA	15 A / 250 VAC; 60 Hz
Dielectric Strength	> 2.3 kVAC between L-N > 2.8 kVAC between L/N-PE (1 min/50 Hz)
Allowable operation temp.	-25 °C to 70 °C
Degree of Protection	from front side IP 40 acc. to IEC 60529
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminals	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 /-outlet	C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold condition) 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 POWER ENTRY MODULES WITHOUT LINE FILTER

KP (Switch)

Dimensions

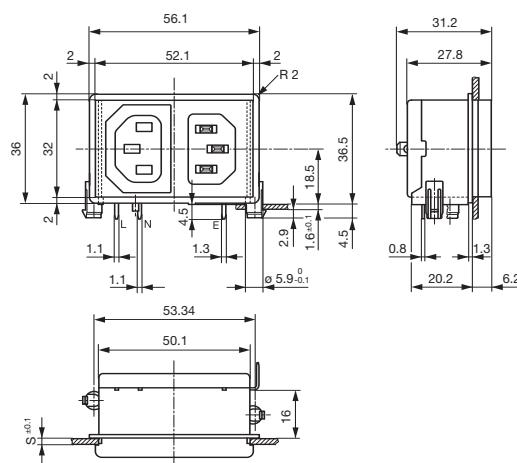
Screw on PCB mounting



A = for PCB-thickness 1.2/1.6/2.0/2.4 mm

Additional quick connect terminal 4.8 x 0.8 mm

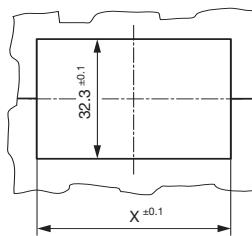
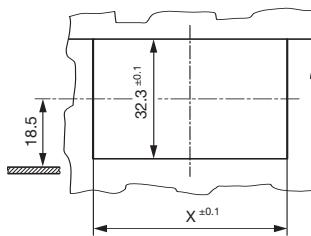
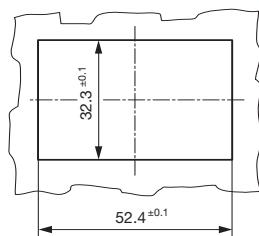
Mounting holes for backside mounting Sandwich mounting holes



Additional quick connect terminal 4.8 x 0.8 mm

s = panel thickness

Sandwich mounting holes



$$X = 48.4 \text{ at } S = 1.5 \text{ and } 2.5$$

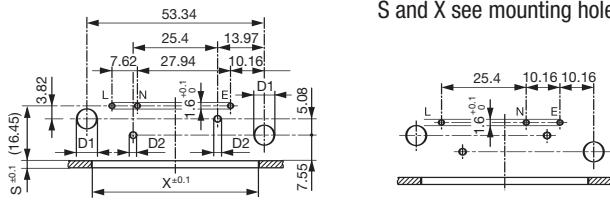
$$X = 50.4 \text{ at } S = 2.0 \text{ and } 3.0$$

$$X = 48.4 \text{ at } S = 1.5 \text{ and } 2.5$$

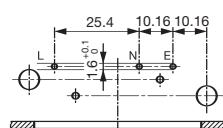
$$X = 50.4 \text{ at } S = 2.0 \text{ and } 3.0$$

Drilling diagrams

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



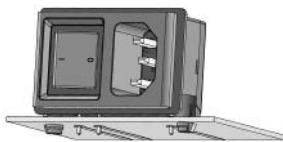
For 1-pole inlet/switch and 1-pole
inlet/fuseholder
S and X see mounting holes



Other dimensions as for 2-poles
 $d_1 = 6 \pm 0.05$ for (snap-in)
 $d_1 = 3.6$ (screw-on)
 $d_2 = 2 \pm 0.1$ (screw-on)
 Dimensions without tolerance:
 $< 15 = \pm 0.05$; $> 15 = \pm 0.1$

KP (Switch)

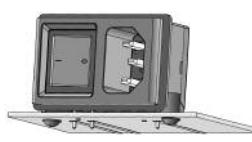
Mounting instructions



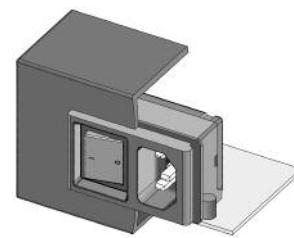
Stable snap feet requires minimal insertion force



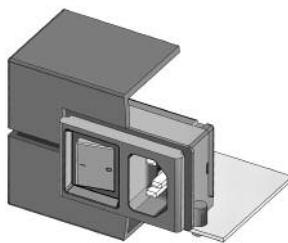
Module must lay flat on the PCB when soldering



Screw-on mount uses self-tapping screws

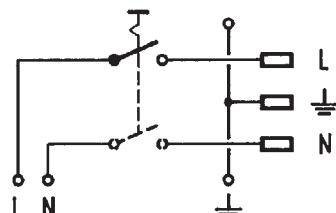


Insertion from behind



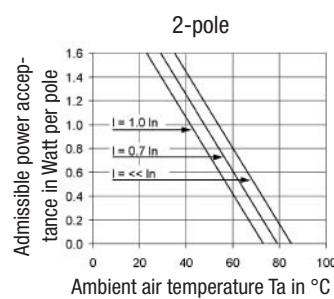
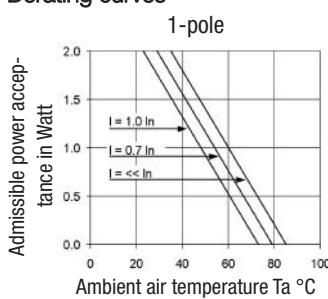
"Sandwich" mounting with split enclosure panels

Diagrams



Inlet with line switch

Derating curves



Variants

Order Number	Panel mounting	Panel Thickness s [mm]	PCB [mm]	Line switch	Fuseholder	Appliance outlet
KP01.1112.16				1- or 2-pole		
KP01.1115.11				1- or 2-pole		
KP01.1153.1190				1- or 2-pole		
KP01.1212.16				1- or 2-pole		
KP01.1212.11	Snap-In	2	1.6	1-pole		
KP01.1112.11	Snap-In	2	1.6	2-pole		
KP01.1213.11	Snap-In	3	1.6	1-pole		
KP01.1113.11	Snap-In	3	1.6	2-pole		
KP01.1252.11	Screw-on	2	1.2/1.6/2.0/2.4	1-pole		
KP01.1152.11	Screw-on	2	1.2/1.6/2.0/2.4	2-pole		

KP (Switch)

Order Number	Panel mounting	Panel Thickness s [mm]	PCB [mm]	Line switch	Fuseholder	Appliance outlet
KP01.1253.11	Screw-on	3	1.2/1.6/2.0/2.4	1-pole		
KP01.1153.11	Screw-on	3	1.2/1.6/2.0/2.4	2-pole		

Packaging unit 50 Pcs