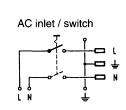


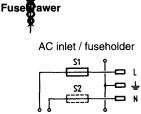
Pcb Mount, Snap-in or Screw-on • AC Inlet • AC Outlet • On / off Line Switch Fuseholder for 5 x 20mm Fuses

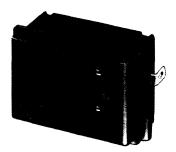


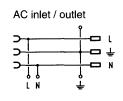












Standards: IEC 320/C14/F; IEC 127-6; EN 60320; EN 60127-6. Fusedrawer meets toolonly accessibility requirements of medical standards IEC 601-1, BS5724 part 1, DIN/VDE

可 MULTIFIT

- · Power entry module with line switch, fuseholder or inlet/outlet
- For "cold" connections 65° C, Protection Class I (with ground pin).
- Pcb mount with snap-in or screw-on feet (self-tapping M3 screws provided, ø 3 x 8mm)
- · Panel mount from rear or "sandwich" between top and bottom / side to side panels
- Single or double pole shocksafe fuseholder according to IEC 65/VDE 0860 for 5 x 20mm fuses
- Integral 1-pole SPST on/off line switch or 2-pole DPST switch (70A/3-4ms in-rush max.; 10,000 cycles lifetime)
- · Insulation cover in back protects against inadvertant electric contact
- Ground terminal solder/quick-connect .187 x .032" (4.8 x 0.8mm) or .250 x .032" (6.3 x 0.8mm)
- 0.5 Nm screw torque required for screw-on type
- Max. power dissipation 2 watts (1-pole fusing) or 1.6 watts (2-pole fusing) according to IEC 127-6. For additional values P_v in function of T_{amb} , see
- For materials, options and accessories please see page 30
- For inlets with piggy-back fuse clips see GSF, page 13-14

		<u>Inlet / switch</u>	Inlet / outlet			
UL	recognition	15A/250V ¹⁾ File #E96454	10A/250V ²⁾	File #E103791		
CSA	certification	15A/250V ¹⁾ File #LR38456	10A/250V ²⁾	File #LR38456		
VDE	approval	10A/250V ³⁾ File #83482	10A/250V	File #83482		
SEMKO	approval	10A/250V ³⁾	10A/250V	File numbers		
SEV	approval	10A/250V ³⁾	10A/250V	on request		
	1) document update pending; 15A/250V with 11/2 HP, 15A/125V with 3/4 HP					
	2) 15A/250V pending 3) 4A inductive load					
		Inlet / fuseholder				
1.01		404/000V Ella #E00047				

recognitation 10A/250V File #E93617 CSA certification 10A/250V File #LR38456 approval VDE 10A/250V File #83482 10A/250V **SEMKO** approval File numbers 10A/250V ∫ on request SEV approval

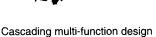
> Optional "back-pack" filter (see KPF, pg. 55)

Optional "back-pack" surge protector (see KPS, pg. 55)



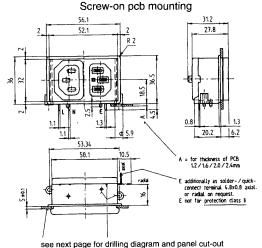


streamlines packaging



Snap-in pcb mounting • 56.1 20.2 6.2 for thickness of PCB 1.6mm 1

see next page for drilling diagram and panel cut-out

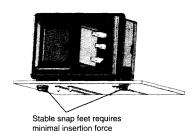


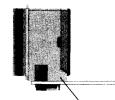


KP continued



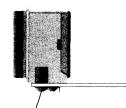
Printed circuit board mounting





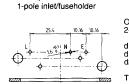
Module must lay flat on the pcb when soldering (see diagram below)





0.5 Nm torque required for screws

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



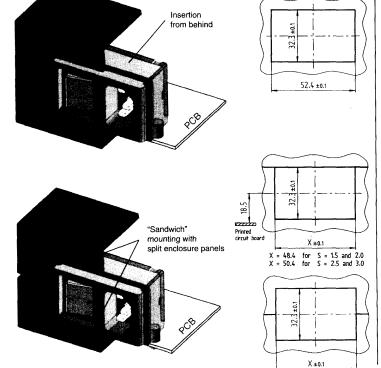
For 1-pole inlet/switch and

Other dimensions for 2-pole modules:

 $d1 = 6 \pm 0.05$ (snap-in) d1 = 3.6 (screw-on) $d2 = 2 \pm 0.1$ (screw-on)

Tolerances not marked: $\leq 15 = \pm 0.05$ $\geq 15 = \pm 0.1$

Panel mounting



Order Numbers (to order fuses, see page 102)

 $\frac{\mathsf{KP01}}{\mathsf{I}}$. 1 X X X . X X X X $\frac{\mathsf{X}}{\mathsf{Y}}$

90 = pre-mounted "back-pack" filter and/or surge protector

Ground Terminal

- 1* = protection class I, solder/quick-connect 4.8 x 0.8mm, in connector axis
- 2 = protection class I, solder/quick-connect6.3 x 0.8mm, in connector axis
- 6 = protection class I, solder/quick-connect 4.8 x 0.8mm, 90° to connector axis
- 7 = protection class I, solder/quick-connect 6.3 x 0.8mm, 90° to connector axis

Line switch

0 = without switch

<u>non-illuminated</u> illuminated 100- 250V~

1* = black 7* = red
2 = white 8* = green
3 = red 9 = orange
4 = green

5 = orange **Mounting**

- For snap-in Pcb mount (thickness 1.6 mm):

11 = slot for panel, thickness S = 1.0mm

 12^* = slot for panel, thickness S = 1.5 - 2.0mm

 13^* = slot for panel, thickness S = 2.5 - 3.0mm

14 = slot for panel, thickness S = 3.5 - 4.0mm

15 = without slot for panel fixation

For screw-on Pcb mount (thickness 1.2-2.5mm): With or without self-tapping screws, ø3 x 8mm

<u>vvitn</u>	vvitnout		
51	61	panel thickness	S = 1.0mm
52*	62	panel thickness	S = 1.5 - 2.0mm
53*	63	panel thickness	S = 2.5 - 3.0mm
54	64	panel thickness	S = 3.5 - 4.0mm
55	65	panel thickness	S = 0

Standard combinations

- 0 = AC inlet with ac outlet
- 1 = AC inlet with on/off line switch, 2-pole
- 2 = AC inlet with on/off line switch, 1-pole
- 3 = AC inlet with fuseholder, 2-pole
- 4 = AC inlet with fuseholder, 1-pole

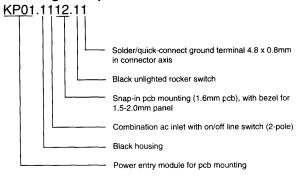
Color of Housing

1* = black

Basic Specification

KP01 = Power entry module for Pcb mounting, SNAPFIT or SCREWFIT

Ordering example:



^{*} standard configuration. Contact Schurter for non-standard order minimums.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Schurter: KP01.1112.81