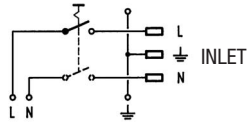
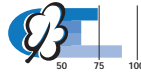


Power entry modules Type KP01

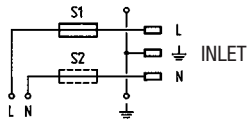
- Panel mount: sandwich or rear-side
- Appliance inlet with line switch or fuseholder (5 x 20 mm fuses) or outlet, for PCB



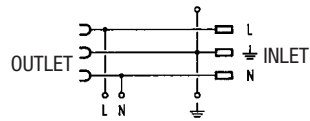
Inlet with line switch



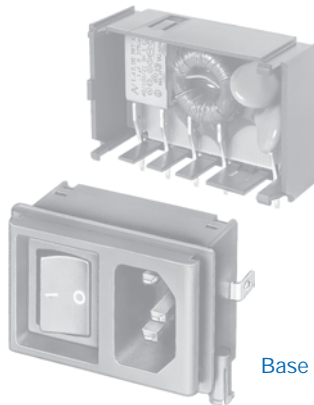
Medical
Fuse drawer



Inlet with fuseholder (5 x 20 mm)



Inlet with outlet





Line filter module KPF,
see page 84

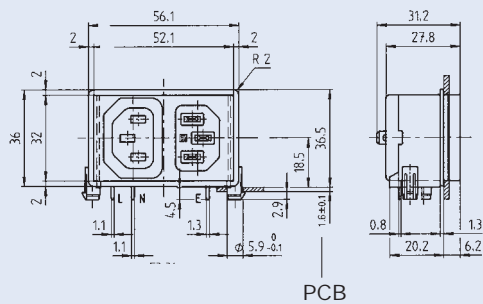
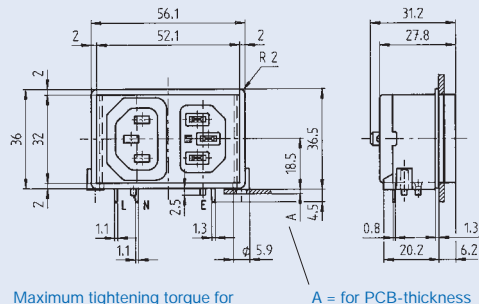
Base module KP01

Characteristics

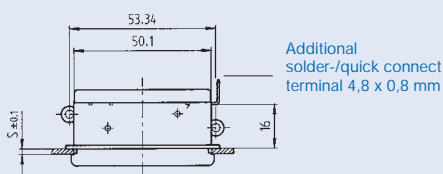
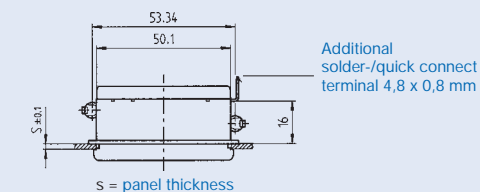
- Panel mount from rear or "sandwich" between top and bottom side to side panels
- PCB mount with snap-in or screw-on feet (self tapping screws provided Ø 3 x 8 mm)
- Insulation cover on the rear-side
- Fuse drawer meets tool only accessibility requirements of medical standard IEC/EN 60601-1
The fuse drawer can only be opened with the aid of a tool
- All single elements are already wired
- Qualified for use in equipment according to IEC/EN 60950

Technical data

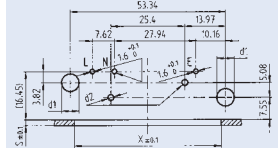
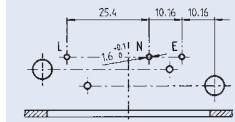
Rated voltage	250 VAC
Rated current	with line switch: 10 A; VDE, SEV, Semko 15 A/125-250 VAC; UL, CSA with fuseholder: 10 A; SEV, VDE, Semko, UL, CSA with outlet: 10 A; VDE, SEV, Semko, UL, CSA
Dielectric strength (50 Hz, 1 Min.)	> 2,3 kV between L-N/ > 2,8 kV between L/N-PE
Allowable ambient air temperatures T_a	-25 °C to +70 °C
Degree of protection (front-side)	IP40 acc. to IEC 60529
Protection class	suitable for equipment with prot. cl. I, acc. to IEC 61140
Terminals	for PCB
Panel thickness s	1,5/2/2,5/3 mm
Materials: Housing	Thermoplastic, black, UL94 V-0
Appliance-inlet Appliance-outlet	  acc. to IEC/EN 60320-1/C14 acc. to IEC/EN 60320-2-2/F Protection class I, pin-temperature 70 °C (cold condition)
Fuseholder	1- or 2-pole, shocksafe category PC2 acc. to IEC/EN 60127-6, for fuse-links 5 x 20 mm
Rated power acceptance at ambient air temp. $T_a \geq 23$ °C Admissible power acceptance at higher T_a	2,5 W (1-pole) 2 W (2-pole) per pole see derating curves. Take note of the information on page 193
line switch (Rocker switch)	1- or 2-pole, non-illuminated, acc. to IEC/EN 61058-1. Technical details see page 201

Dimensions
Snap-in PCB mounting

Screw on PCB mounting


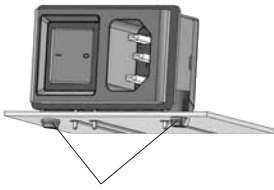
Maximum tightening torque for screws 0,5 Nm

 A = for PCB-thickness
1,2/1,6/2,0/2,4 mm /

Drilling diagrams

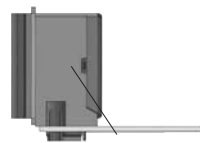
For 2-pole inlet/switch, 2-pole inlet/fuseholder and inlet/outlet


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

 Other dimensions as for 2-poles
 d1 = $6 \pm 0,05$ for (snap-in)
 d1 = 3,6 (screw-on)
 d2 = $2 \pm 0,1$ (screw-on)
 Dimensions not tolerated: $\leq 15 = \pm 0,05$
 $\geq 15 = \pm 0,1$

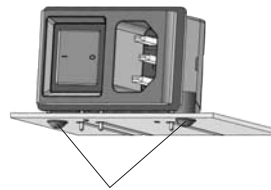
Printed circuit board mounting



Stable snap feet requires minimal insertion force

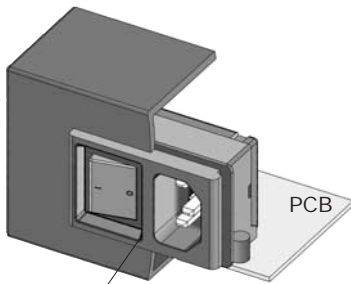


Module must lay flat on the PCB when soldering

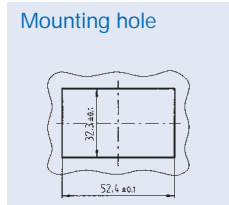


Screw-on mount uses self-tapping screws

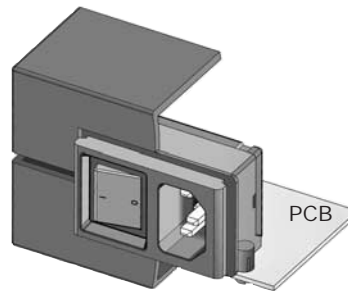
Panel mounting



Insertion from behind

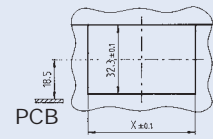


Mounting hole

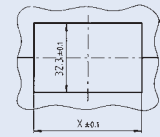


"Sandwich" mounting with split enclosure panels

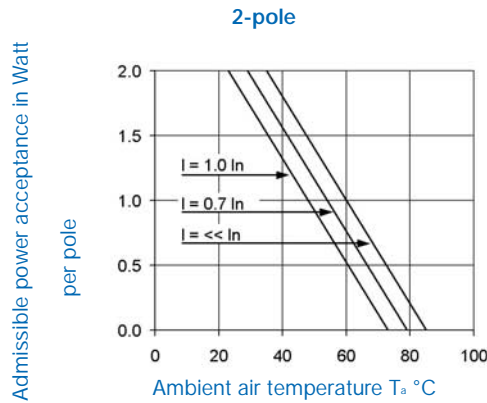
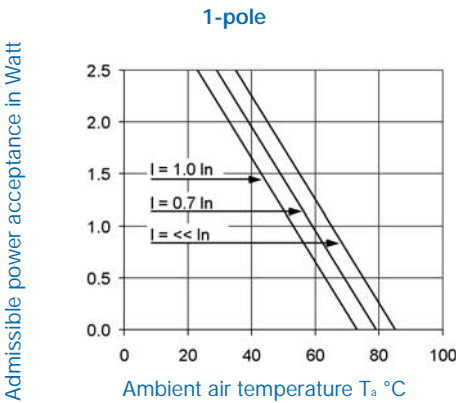
Mounting holes



X = 48,4 at S = 1,5 and 2,5
X = 50,4 at S = 2,0 and 3,0



Derating curves for fuseholder



Order Numbers

Combination (incl. cover), prot. class I	Mounting on PCB		for panel-thickness s	
	Screw-on	Snap-in for PCB 1,6 mm	1,5/2,0 mm	2,5/3,0 mm
Inlet with line switch, 1-pole	KP01.1252.11	KP01.1212.11	•	
	KP01.1253.11	KP01.1213.11		•
Inlet with line switch, 2-pole	KP01.1152.11	KP01.1112.11	•	
	KP01.1153.11	KP01.1113.11		•
Inlet with outlet	KP01.1052.01	KP01.1012.01	•	
	KP01.1053.01	KP01.1013.01		•
Inlet with fuseholder, 1-pole	KP01.1452.01	KP01.1412.01	•	
	KP01.1453.01	KP01.1413.01		•
Inlet with fuseholder, 2-pole	KP01.1352.01	KP01.1312.01	•	
	KP01.1353.01	KP01.1313.01		•

Type KP without cover: KP01.XXXX.XX90

Other versions on request:

- for protection class II
- line switch, illuminated (only 2-pole version, >100 VAC)
- line switch with other rocker marking