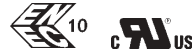


**Power entry module Type DC21**

- Panel mount: screw-on version, rear side
- Appliance inlet with line switch 2-pole, for PCB




**Characteristics**

- All single elements are already wired
- Unwired versions available on request
- Line switch non-illuminated or illuminated
- Qualified for use in equipment according to IEC/EN 60950
- Can be ordered without insulation cover

**Technical data**

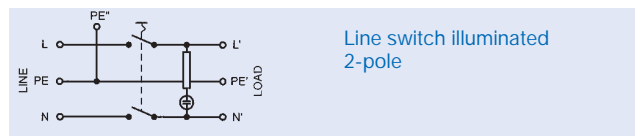
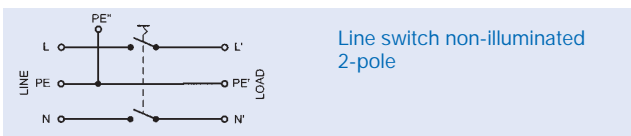
Rated voltage	125/250 VAC; 50/60 Hz
Rated current	10 A; ENEC / VDE 10 A; UL / CSA
Dielectric strength (50 Hz, 1 Min.)	> 2,5 kV between L-N > 3 kV between L/N-PE
Allowable operating temperatures T <sub>a</sub>	-25 °C to +70 °C
Degree of protection (fr.s)	IP40 acc. to IEC 60529
Protection class	suitable for equipment with prot. cl. I, acc. to IEC 61140
Terminals	for PCB
Panel thickness s	max. 3,5 mm
Materials: Housing	Thermoplastic, black, UL94 V-0

Appliance-inlet	 acc. to IEC/EN 60320-1/C14, Protection class I, pin-temperature 70 °C (cold condition)
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**DC21 Switch**

Line switch (Rocker switch)	1- or 2-pole, non-illuminated or illuminated, acc. to IEC/EN 61058-1.
Electrical rating acc. to IEC/EN 61058-1	16 (4) A / 250 VAC, 10'000 switch operations 10 (4) A / 250 VAC, 50'000 switch operations Statement ( ) at inductive load with p. f. 0.6
Electrical rating acc. to UL1054	20 A 125 - 250 VAC, 6'000 Switch operations (1) HP 125 VAC (2) HP 250 VAC Statement ( ) at inductive load with p. f. 0.45
Inrush current acc. to IEC/EN 61058-1	capacitive 100A, 3-4 ms continuous current 5 A
Contact gap	≥ 3 mm

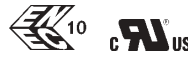
**Diagrams**





**Power entry module Type DC22**


- Panel mount: screw-on version, rear-side
- Appliance inlet, line switch 1- or 2-pole, line-filter standard and medical versions, for PCB



**Characteristics**

- Ultra-compact design with smallest panel cut-out
- Line switch illuminated or non-illuminated
- With EMC-Shield
- Qualifield for use in equipment according to IEC/EN 60950

**Technical data**

Rated voltage	125/250 VAC; 50/60 Hz
Rated currents	1-10 A; @ T <sub>a</sub> 40°C
Leakage current, Standard	< 0,5 mA (250 V/60 Hz)
Medical (M5)	< 5 µA (250 V / 60 Hz)
Test voltage (2 sec)	1,7 kVDC between L-N 2,7 kVDC between L/N-PE
Allowable operation temperatures T <sub>a</sub>	-25 °C at +85 °C
Climatic category	25/085/21 acc. to IEC/EN 60068-1
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	max. 4,0 mm
Materials: Housing	Thermoplastic, black, UL94 V-0
Appliance-inlet	 acc. to IEC/EN 60320-1/C14, Protection class I, pin-temperature 70 °C (cold condition)
Line filter, standard and medical	acc. to IEC 60939, EN 133 200, UL 1283, CSA C22.2 no. 8

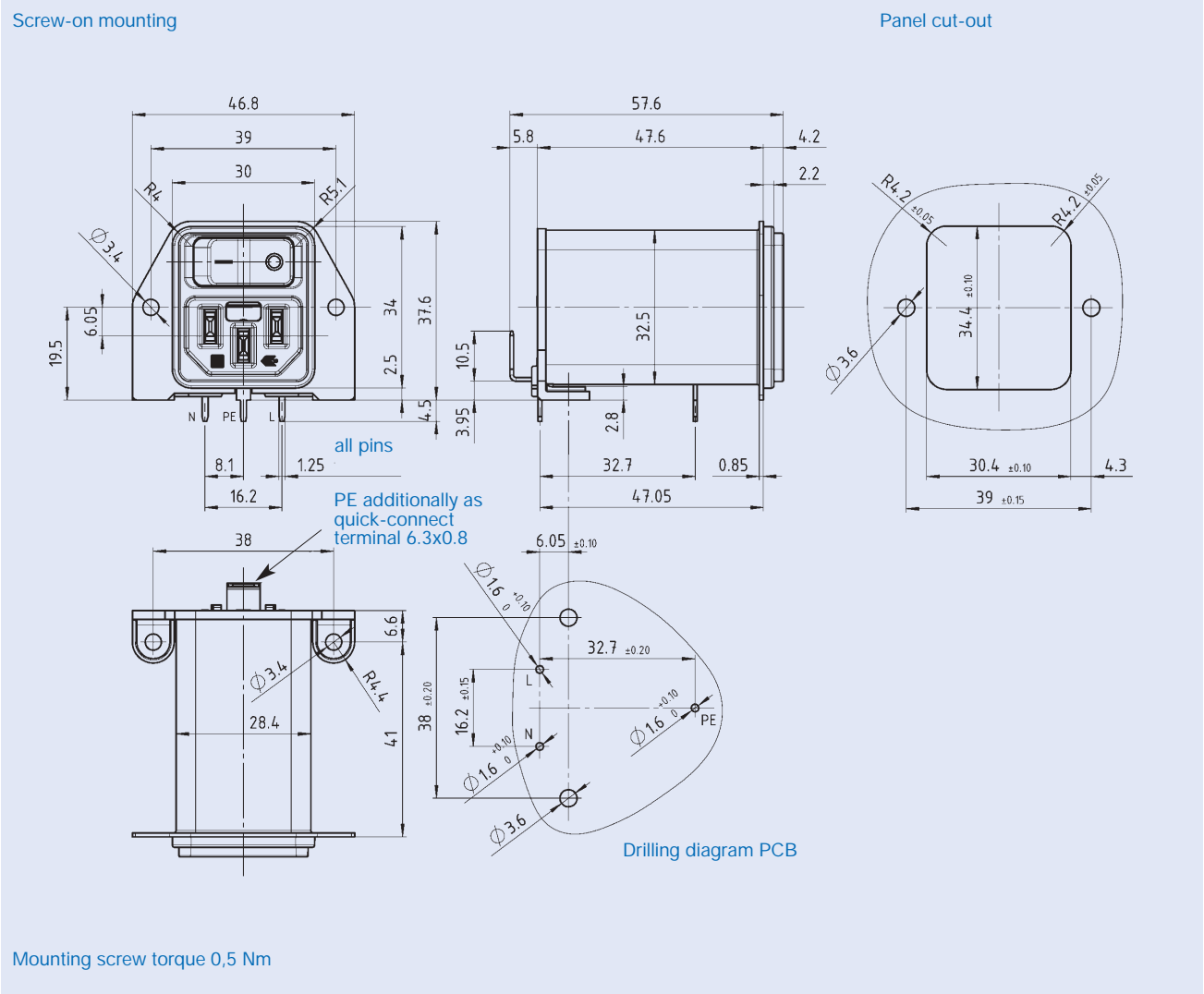
**DC22 Switch**

Line switch (Rocker switch)	1- or 2-pole, non-illuminated acc. to IEC/EN 61058-1
Electrical rating acc. to IEC/EN 61058-1	16 (4) A / 250 VAC, 10'000 switch operations 10 (4) A / 250 VAC, 50'000 switch operations Statement ( ) at inductive load with p. f. 0.6
Electrical rating acc. to UL1054	20 A 125 - 250 VAC, 6'000 switch operations (1) HP 125 VAC (2) HP 250 VAC Statement ( ) at inductive load with p. f. 0.45
Inrush current acc. to IEC/EN 61058-1	capacitive 100 A, 3-4 ms continuous current 5 A
Contact gap	≥ 3 mm

**POWER ENTRY MODULES**

**DC22**

**Dimensions**



**Technical data of filter-components**

Rated current (A)	Filter-Type	Inductance		Capacitance		R (MΩ)
		L1/L2 (mH)	CX2 (nF)	CY2 (nF)		
1	Standard	10.0	100	2 x 2,2	1	
2		4.0			1	
4		1.5			1	
6		0.8			1	
10		0.3			1	
1	Medical (M5)	10.0	100	-	1	
2		4.0			1	
4		1.5			1	
6		0.8			1	
10		0.3			1	

**POWER ENTRY MODULES**

**DC22**

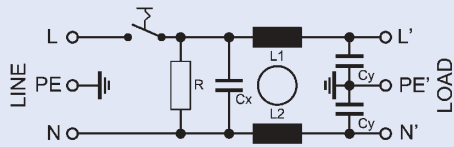
**Standard version**

**Medical version**

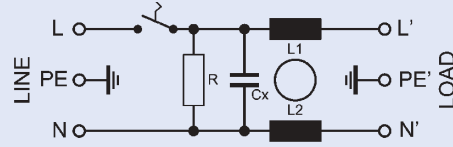


Medical filters

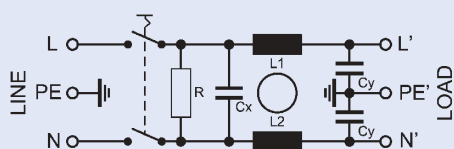
**Standard filter 1-pole**



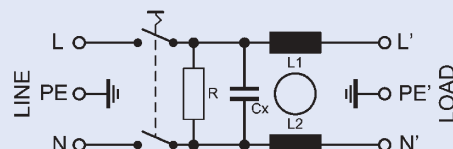
**Medical filter 1-pole (M5)**



**Standard filter 2-pole**



**Medical filter 2-pole (M5)**



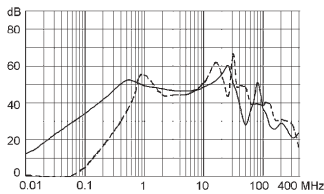
**Attenuation loss**

**Standard version**

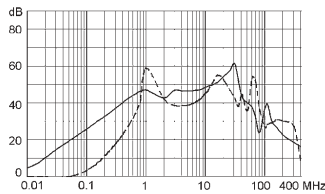
differential mode .....  
common mode \_\_\_\_\_

**Medical version**

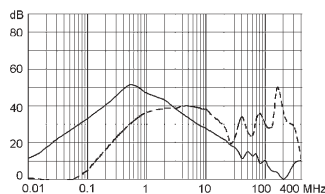
1 A



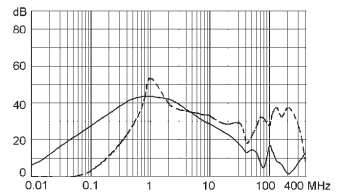
2 A



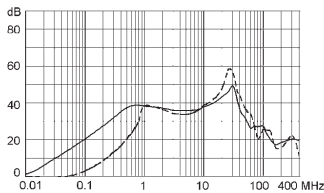
1 A



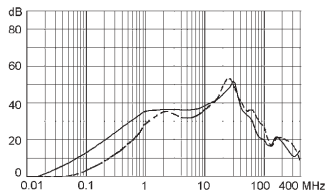
2 A



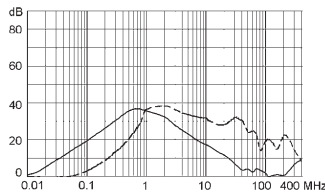
4 A



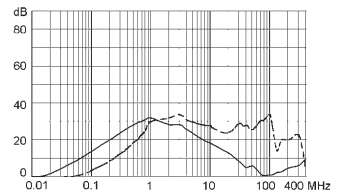
6 A



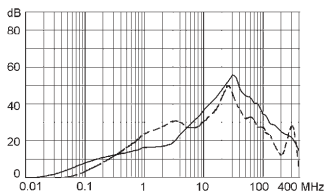
4 A



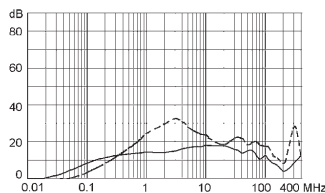
6 A



10 A



10 A



## POWER ENTRY MODULES

DC22

### Order Numbers

Standard		Medical (M5)	Rated Current	Line switch	
1-pole	2-pole	2-pole		non-illuminated	illuminated 125/250VAC, red
DC22.1111.111	DC22.1121.111	DC22.1221.111	1	•	
DC22.2111.111	DC22.2121.111	DC22.2221.111	2	•	
DC22.4111.111	DC22.4121.111	DC22.4221.111	4	•	
DC22.6111.111	DC22.6121.111	DC22.6221.111	6	•	
DC22.9111.111	DC22.9121.111	DC22.9221.111	10	•	
	DC22.1123.111	DC22.1223.111	1		•
	DC22.2123.111	DC22.2223.111	2		•
	DC22.4123.111	DC22.4223.111	4		•
	DC22.6123.111	DC22.6223.111	6		•
	DC22.9123.111	DC22.9223.111	10		•

#### Other versions on request:

- 1-pole version illuminated
- line switch with other rocker marking
- illuminated green
- Medical type (M80) with CY2
- Capacitance CX1
- Fixing on PCB with self-tapping screws 3 mm or pre-inserted nuts M3