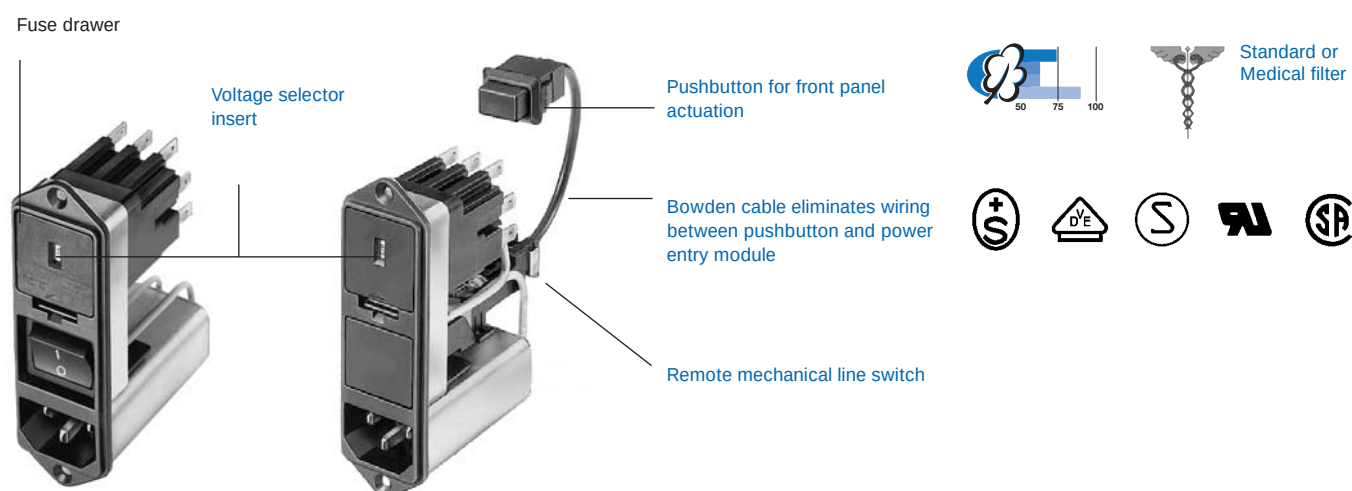


Power entry modules Types CG, CG-Bowdencable

- Panel mount: screw-on version, front-side
- 5 functions: appliance inlet, line switch or line switch for Bowdencable actuation, fuseholder with interchangeable fuse drawer for 5 x 20 or 6,3 x 32 mm fuses, with series-parallel voltage selector, line filter



Characteristics

- All single elements are already partial wired
- The “Extra-Safe” fuse drawers satisfy international standards for medical equipment. The drawer can only be removed with the aid of a tool
- The fuseholder is accessible from the equipment front
- Qualified for use in equipment according to IEC/EN 60950

Technical data

Rated voltage	125/250 VAC; 50/60 Hz
Rated currents	Type CG Type CG-Bowdencable
	1–10 A; @T _a 40 °C
	1–6 A; @T _a 40 °C; SEV, VDE, Semko
	1–6 A / 250 VAC; @T _a 40 °C; UL, CSA
	1–8 A / 125 VAC; @T _a 40 °C; UL, CSA
Leakage current, Standard	< 0,5 mA (250 V/60 Hz)
Medical	< 5 µA (250 V/60 Hz)
Test voltage (2 sec)	1,7 kVDC between L-N 2,7 kVDC between L/N-PE
Allowable ambient air temperatures T _a	–25 °C to +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	quick-connect 4,8 x 0,8 mm
Panel thickness s	max. 8 mm
Materials: Housing	Thermoplastic, black, UL94 V-0

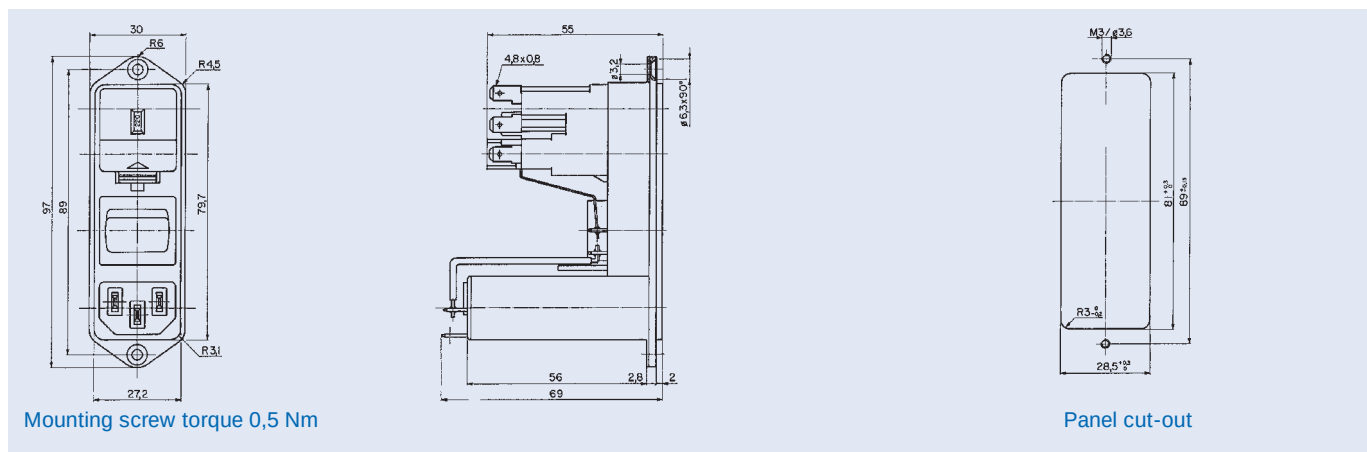
POWER ENTRY MODULES

CG

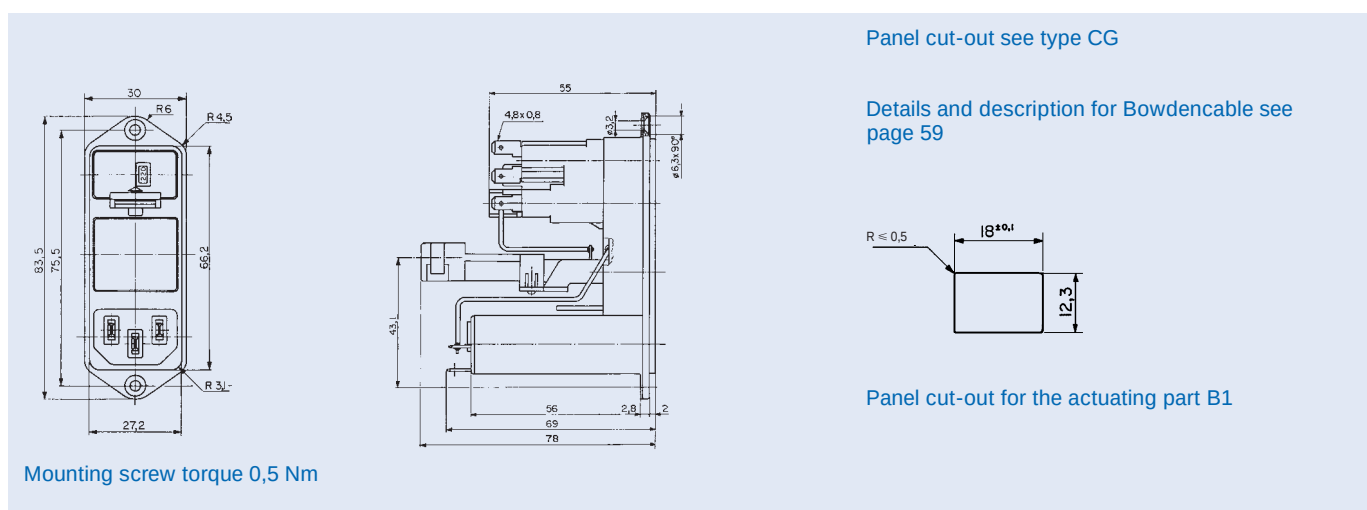
Technical data

Appliance-inlet		acc. to IEC/EN 60320-1/C14, 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 or 6,3 x 32 mm
Rated power acceptance at ambient air temp. T _a 23 °C		5 x 20: 2,5 W (1-pole)/2 W (2-pole) per pole 6,3 x 32: 3,15 W (1-pole)/2,5 W (2-pole) per pole
Admissible power acceptance at higher T _a		see derating curves. Take note of the information on page 197
Line switch (Rocker switch)		2-pole, non illuminated acc. to IEC/EN 61058-1
Line switch for Bowdencable		2-pole, non illuminated Technical details see page 201
Voltage selector		series-parallel, 4, 3 or 2 switch positions or usable as a 2-pole change-over switch.
Line filter, standard and medical		acc. to IEC 60939, EN 133 200, UL 1283, CSA C 22.2 no. 8 Technical details see page 202

Dimensions type CG

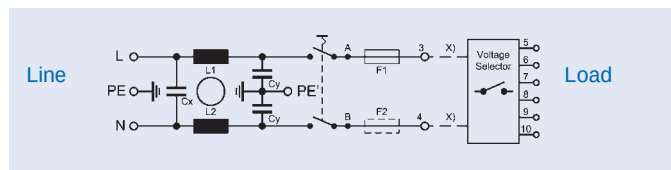


Dimensions type CG Bowdencable



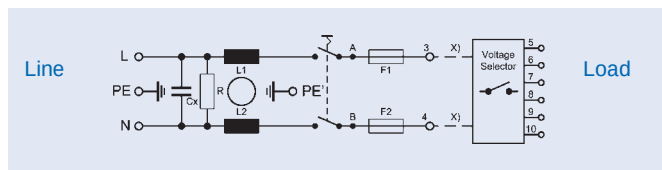
Diagrams

Standard version
with fuseholder 1- or 2-pole



x) Connections to be made by customer

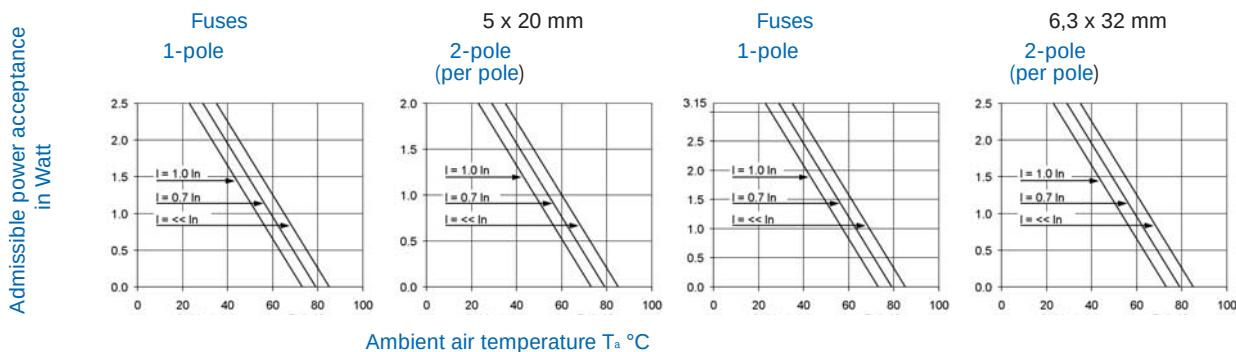
Medical version
with fuseholder 2-pole



Optional accessory cables (stranded conductor) for voltage selector wiring see on page 63

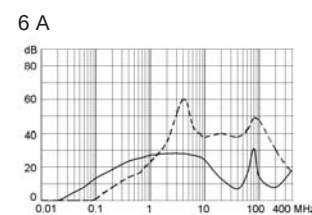
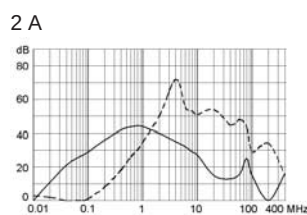
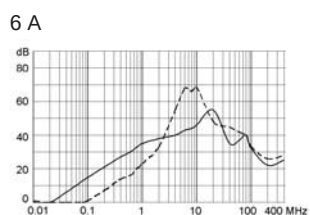
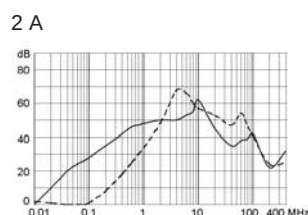
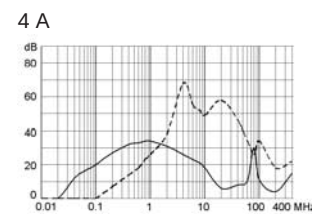
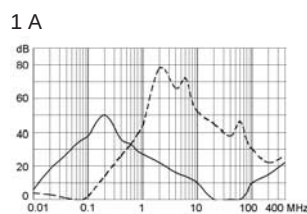
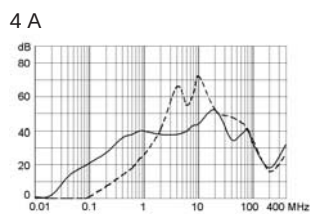
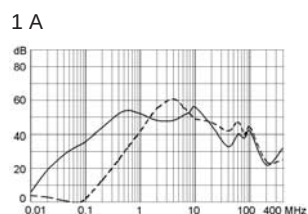
Technical data of filter-components

Rated current (A)	Filter-Type	Inductance L1/L2 (mH)	Capacitance CX (nF)	CY (nF)	R (MΩ)
1	Standard	2 x 10	68	2 x 2,2	-
2		2 x 4			
4		2 x 1,5			
6		2 x 0,8			
10		2 x 0,3			
1	Medical	2 x 10	68	-	1
2		2 x 4			
4		2 x 1,5			
6		2 x 0,8			
10		2 x 0,3			

Derating curves for fuseholder**Attenuation loss**

Standard version

differential mode
common mode



POWER ENTRY MODULES

CG

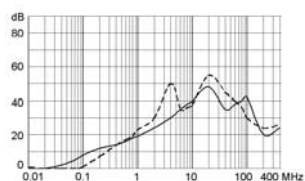
Attenuation loss

Standard version

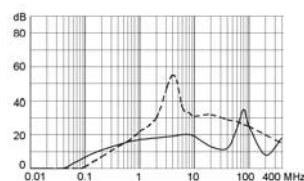
Medical version

differential mode
common mode

10 A



10 A



Order Numbers to type CG for socket

Fuse drawer and voltage selector insert must be ordered separately.
Order nos see pages 62, 63

Type	Order no	Rated current	Filter-Type	Line switch	Fuseholder
CG	CG16.5101.151	1 A	Standard	2-pole	1-pole
	CG26.5101.151	2 A			
	CG36.5101.151	4 A			
	CG46.5101.151	6 A			
	CG66.5101.151	10 A			
	CG10.6101.151	1 A	Standard	2-pole	2-pole
	CG20.6101.151	2 A			
	CG30.6101.151	4 A			
	CG40.6101.151	6 A			
	CG60.6101.151	10 A			
	CGG0.6101.151	1 A	Medical	2-pole	2-pole
	CGA0.6101.151	2 A			
	CGC0.6101.151	4 A			
	CGE0.6101.151	6 A			
	CGL0.6101.151	10 A			

Order Numbers to type CG-Bowdencable: for socket

Fuse drawer, voltage selector insert and Bowdencable must be ordered separately.
Order nos see page 63 (fuse drawer), 62 (voltage selector insert) and 59 (Bowdencable)

Type	Order no	Rated current	Filter-Type	Line switch for Bowdencable	Fuseholder
CG Bowden- cable	CG15.6199.151	1 A	Standard	2-pole	1-pole
	CG25.6199.151	2 A			
	CG35.6199.151	4 A			
	CG45.6199.151	6 A			
	CG10.6199.151	1 A	Standard	2-pole	2-pole
	CG20.6199.151	2 A			
	CG30.6199.151	4 A			
	CG40.6199.151	6 A			
	CGG0.6199.151	1 A	Medical	2-pole	2-pole
	CGA0.6199.151	2 A			
	CGC0.6199.151	4 A			
	CGE0.6199.151	6 A			

Accessories see page 171