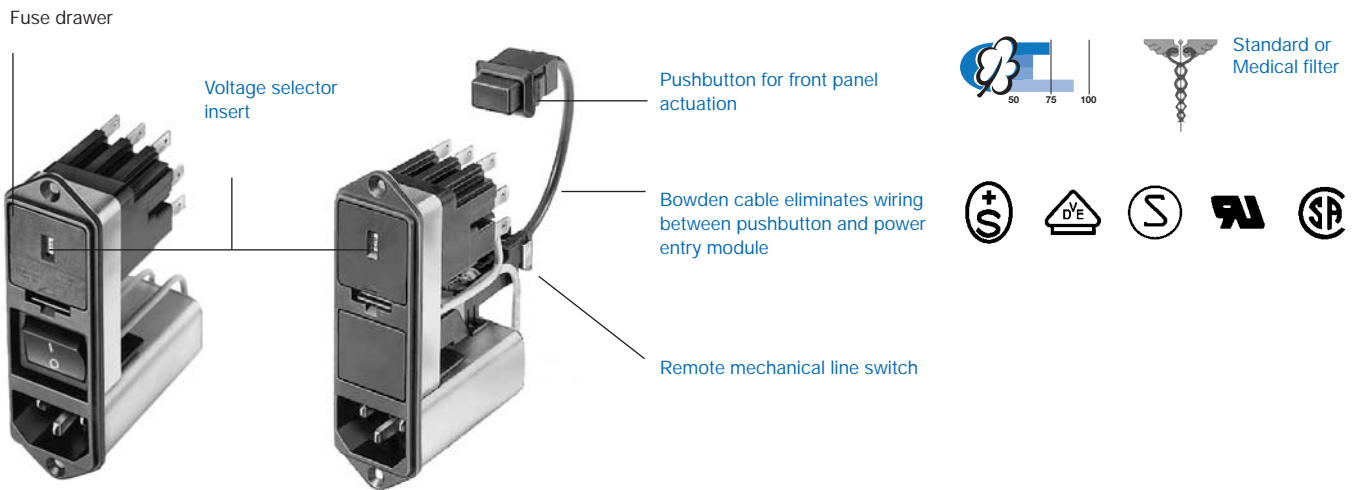


Power entry modules
Types CG, CG-Bowdencable

- 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

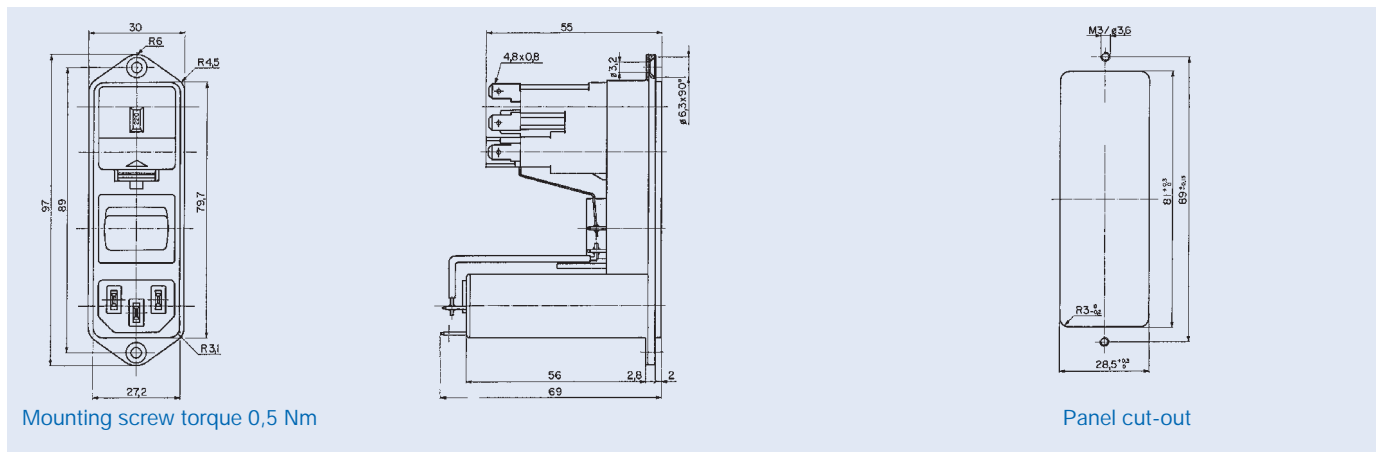
Technical data

| | |
|---|--|
| 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 |

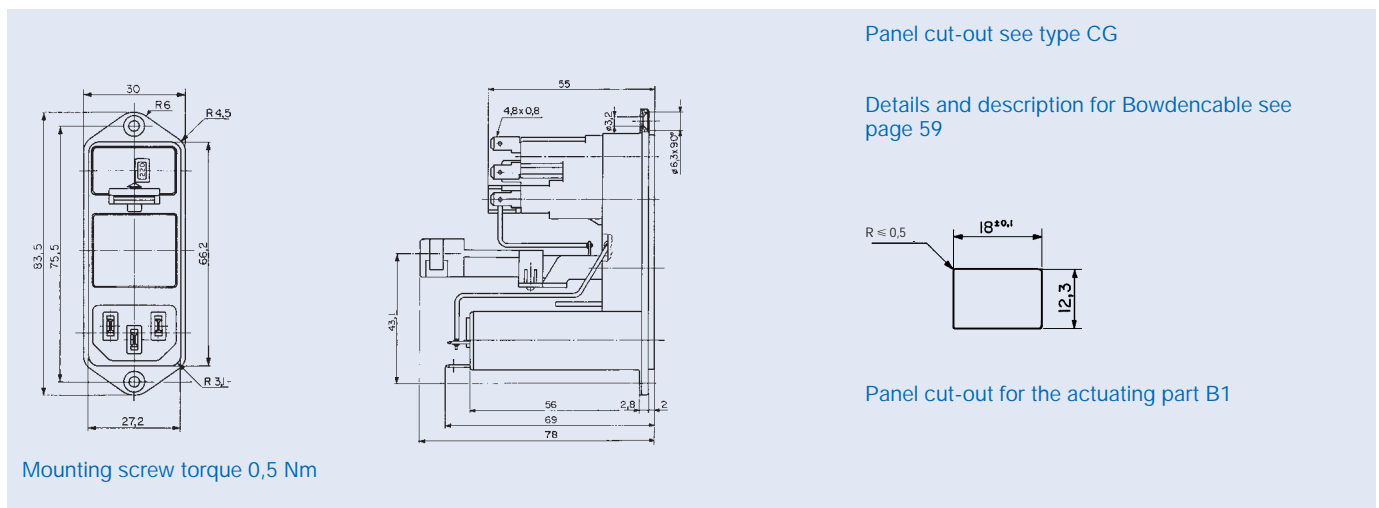
Technical data

| | | |
|--|--|---|
| 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

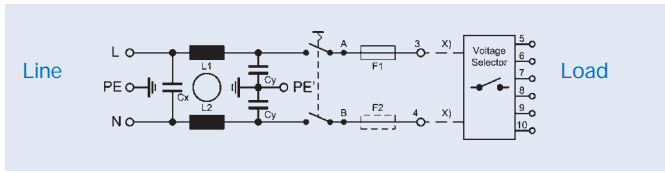


Dimensions type CG Bowdencable



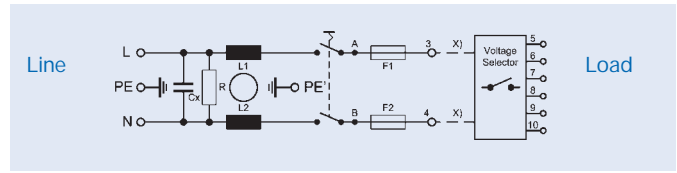
Diagrams

Standard version
with fuseholder 1- or 2-pole



x) Connections to be made by customer

Medical version
with fuseholder 2-pole

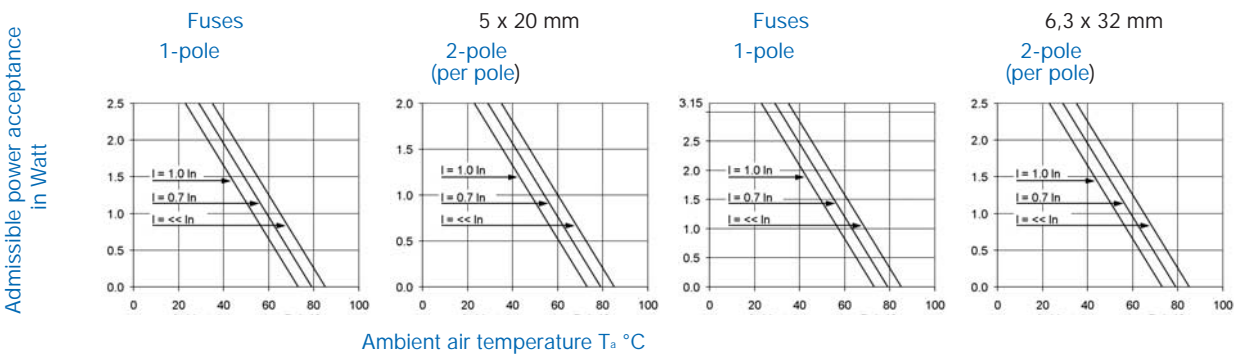


Optional accessory cables (stranded conductor) for voltage selector wiring see on page 63

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 | 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 | | | | |

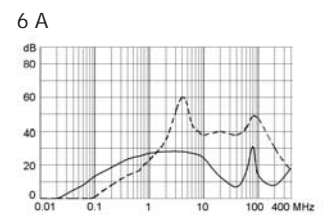
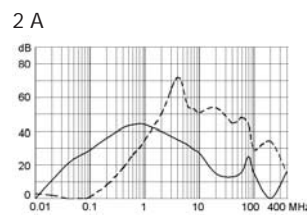
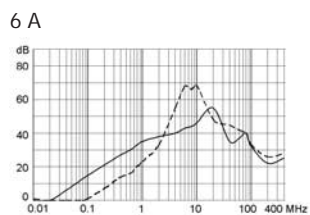
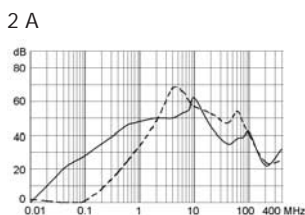
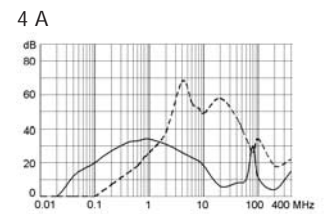
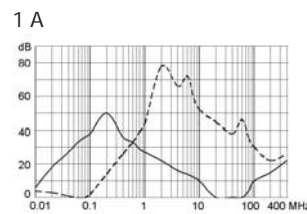
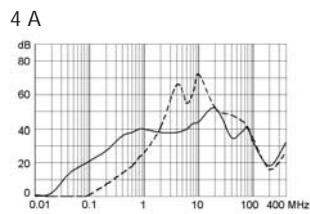
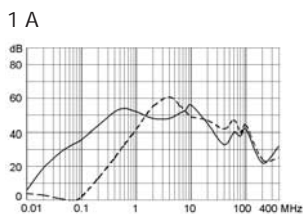
Derating curves for fuseholder



Attenuation loss

Standard version

differential mode
common mode ———



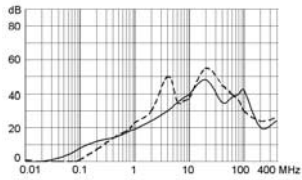
Attenuation loss

Standard version

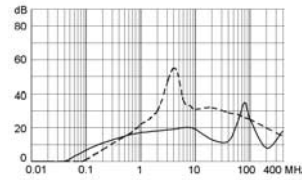
Medical version

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 | | | |
| CG | 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 | | | |
| CG | 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 | | | |
| CG | CG20.6199.151 | 2 A | Standard | 2-pole | 2-pole |
| | CG30.6199.151 | 4 A | | | |
| | CG40.6199.151 | 6 A | | | |
| | CGG0.6199.151 | 1 A | | | |
| | CGA0.6199.151 | 2 A | | | |
| CG | CGC0.6199.151 | 4 A | Medical | 2-pole | 2-pole |
| | CGE0.6199.151 | 6 A | | | |

Accessories see page 171