

Fuseholder Type FBS1

front side,
fixing nut fastening
shocksafe category PC3



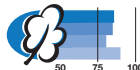
0031.3901



0031.3911 Fingergrasp

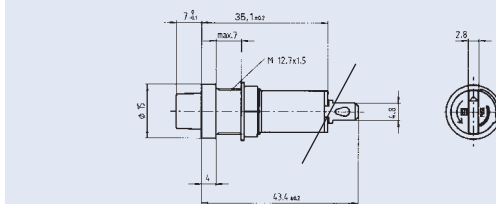
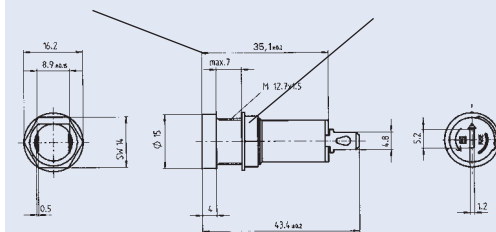


captive fuse carrier

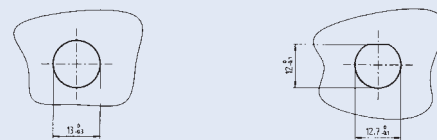


Panel thickness

Fixing nut, SW 14



solder-/quick-connect terminals 4,8 x 0,5 mm, tin plated, for conductor cross-sections up to 2,5 mm²



Panel mounting holes

- captive bayonet type fuse carrier, slotted or fingergrasp
- live parts are completely inaccessible to a probe measuring 1 mm diameter, even if the fuse-link is replaced
- solder-/quick-connect terminals 4,8 x 0,5 mm
- degree of protection IP40 from front-side, according to IEC 60529
- suitable for equipment with protection classes I and II according to IEC 60536

Technical data

- Rated voltage: 250 V
- Rated current: 10 A
- Rated power acceptance at ambient air temperature T_a 23 °C: 2,5 W
- Power acceptance at higher T_a : see derating curves
- Take note of the information on pages 215–219
- Allowable ambient air temperatures T_a for accessible parts: -40 °C to +85 °C
- Contact resistance: 5 mΩ
- Dielectric strength: > 3 kV, 50 Hz, 1 Min. / > 4 kV, 50 Hz, 1 Min.2
- Insulation resistance (500 V DC/1 Min): > 10 MΩ
- Torque/Fixing nut: max. 1,2 Nm
- Materials
socket and fuse carrier: thermoset, UL 94 V-0






¹ between live parts of different potentials

² between metal mounting plate and live parts

Standards

IEC 60127-6
EN 60127-6
UL 512, CSA C22.2-39

Approvals, Patents

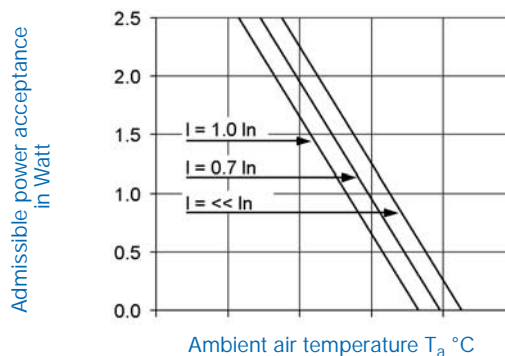
	SEV	(10 A/250 V)		UL	(10 A/250 V)
	VDE	(10 A/250 V)		CSA	(10 A/250 V)
	SEMCO	(10 A/250 V)			

Patents in U.S. (No. 4,826,454), in Taiwan (No. 45,531) and in further countries

MEDICAL GRADE



Derating curve



Order No.		fuse carrier
0031.3901	Fuseholder complete, black	slotted
0031.3911	Fuseholder complete, black	Fingergrasp

Accessories see page 183

Fuseholder Type FBS2

horizontal
shocksafe category PC3



- captive bayonet type fuse carrier, slotted or fingergrasp
- live parts are completely inaccessible to a probe measuring 1 mm in diameter, even if the fuse-link is replaced
- "kicked" PCB terminals
- degree of protection IP40 from front-side, according to IEC 60529
- suitable for equipment with protection classes I and II according to IEC 60536

Technical data

- Rated voltage: 250 V
- Rated current: 10 A
- Rated power acceptance at ambient air temperature T_a 23 °C: 2,5 W
- Power acceptance at higher T_a : see derating curves
- Take note of the information on pages 215–219
- Allowable ambient air temperatures T_a for accessible parts: –40 °C to +85 °C
- Contact resistance: 5 mΩ
- Dielectric strength: > 3 kV, 50 Hz, 1 Min.1 / > 4 kV, 50 Hz, 1 Min.2
- Insulation resistance (500 V DC/1 Min): > 10 MΩ
- Solderability: 235 °C/2 s, according to IEC 60068-2-20, test Ta, method 1
- Resistance to soldering heat: 350 °C/5 s, according to IEC 60068-2-20, test Tb, method 1B
- Materials
socket and fuse carrier: thermoplastic, UL 94 V-0

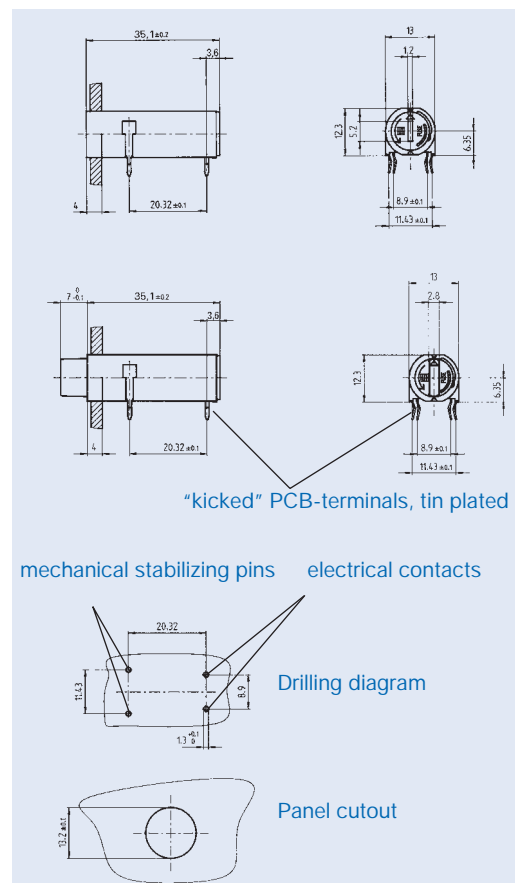
¹ between live parts of different potentials

² between metal mounting plate and live parts

Approvals, Patents

SEV	(10 A/250 V)	UL	(10 A/250 V)
VDE	(10 A/250 V)	CSA	(10 A/250 V)
SEMCO	(10 A/250 V)		

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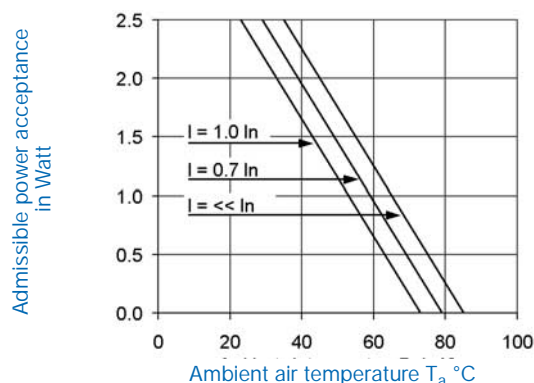


mechanical stabilizing pins electrical contacts

Drilling diagram

Panel cutout

Derating curve



Standards

IEC 60127-6
EN 60127-6
UL 512, CSA C22.2-39

Order No.		Fuse carrier
0031.3981	Fuseholder complete, black	slotted
0031.3991	Fuseholder complete, black	Fingergrasp

Accessories see page 183