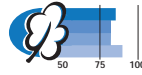
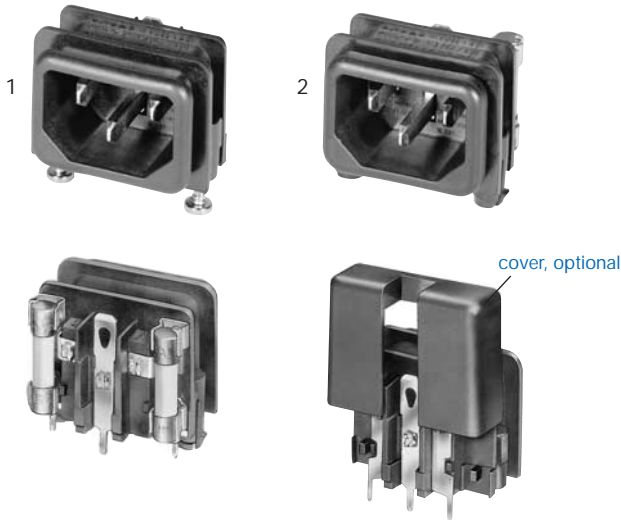


Power entry module Type GSF1

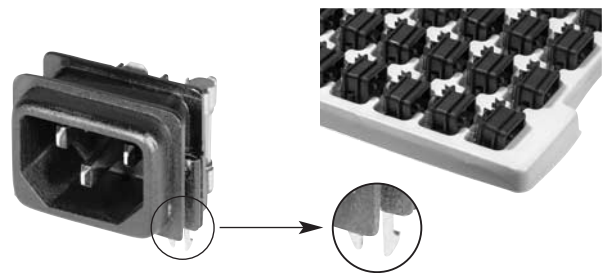
- Panel mount: sandwich or rear-side
- Appliance inlet, fuseholder on the rear-side for fuses 5 x 20 mm, for PCB

Standard versions



Pick and Place versions

Blister tray package




Characteristics

- PCB mount with snap-in² or screw-on feet¹
- Fuseholder on the inside of the equipment prevents accidental use of incorrect fuse-links by the user
- Insulation cover, must be ordered separately
- Qualified for use in equipment with safety requirements according to IEC/EN 60950

Pick and Place:

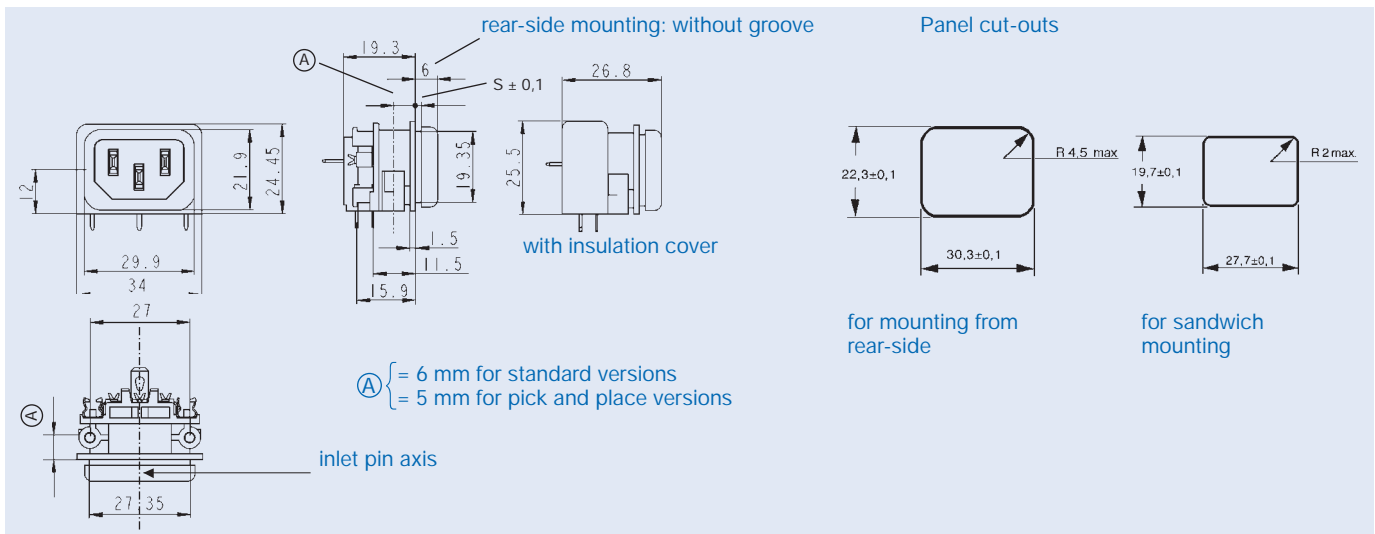
- suitable for automatic PCB assembling
- Blister tray meets ESD requirements

Technical data

Rated voltage	250 VAC
Rated current	
- with/without fuseholder	10 A; SEV, VDE, Semko
- with fuseholder	10 A; UL, CSA
- without fuseholder	16 A; UL, CSA
Dielectric strength (50 Hz, 1 Min.)	> 3 kV between L-N > 4 kV between L/N-PE
Allowable ambient air temperatures T _a	-25 °C to +70 °C
Degree of protection (front side)	IP 40 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	 acc. to IEC/EN 60320-1/C14, Protection class I, pin-temperature 70 °C (cold condition)
Fuseholder	without or with, 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 23 °C	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 page 197

Patents in U.S. (No. 6, 252, 491) and in further countries

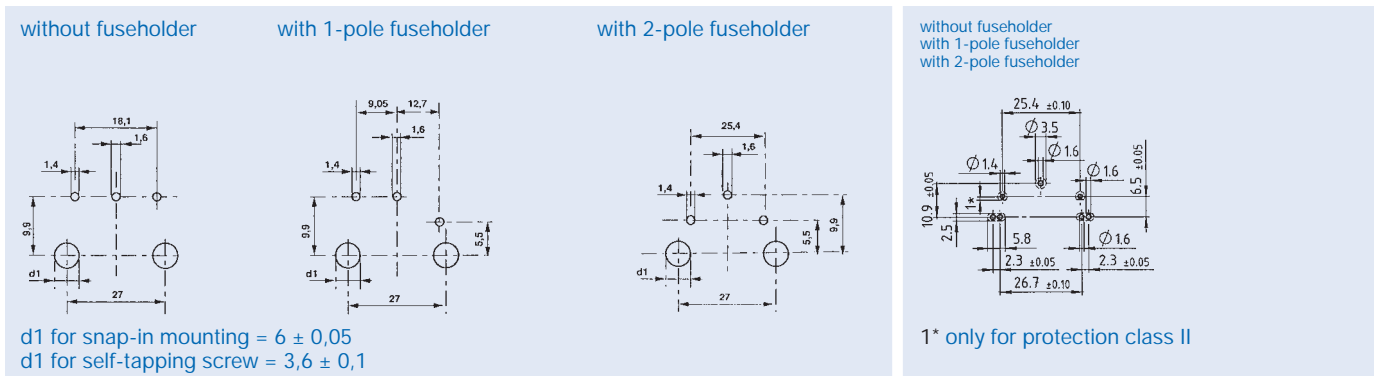
Dimensions



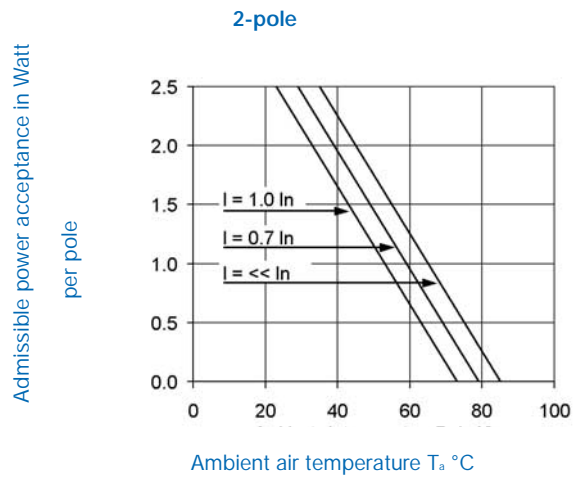
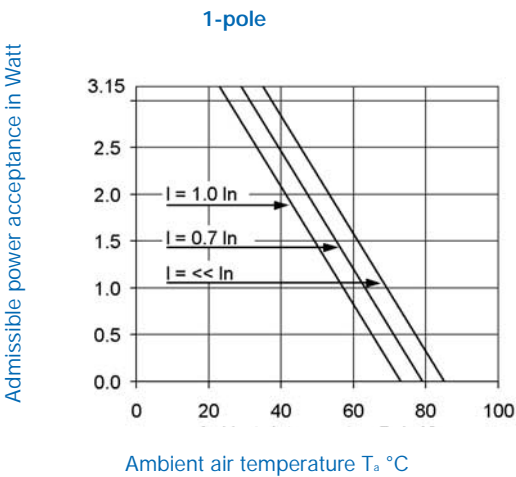
Drilling diagrams

Standard versions

Pick and Place versions



Derating curves for fuseholder



Order Numbers

Type/Version		PCB-mounting			Sandwich-mounting, panel thickness s				Mounting from the rear	Protective conductor	
		Screw-mount. 2-self-tapping screws included	Snap-in (plastic snaps) PCB thickness 1,6 mm	Metal snaps (PCB thickness 1,6 mm) for soldering	1,5 mm	2,0 mm	2,5 mm	3,0 mm		in the inlet pin axis	at 90° to inlet pin axis
GSF1 with fuseholder 1-pole	Standard	GSF1.1001.31	GSF1.1201.31		•					•	
		GSF1.1002.31	GSF1.1202.31		•						•
		GSF1.1001.41	GSF1.1201.41			•				•	
		GSF1.1002.41	GSF1.1202.41			•					•
		GSF1.1001.51	GSF1.1201.51				•			•	
		GSF1.1002.51	GSF1.1202.51				•				•
		GSF1.1001.61	GSF1.1201.61					•		•	
		GSF1.1002.61	GSF1.1202.61					•			•
		GSF1.1001.01	GSF1.1201.01						•	•	•
		GSF1.1002.01	GSF1.1202.01					•		•	
	Pick and Place			GSF1.4402.01					•	•	
GSF1 with fuseholder 2-pole	Standard	GSF1.2001.31	GSF1.2201.31		•					•	
		GSF1.2002.31	GSF1.2202.31		•						•
		GSF1.2001.41	GSF1.2201.41			•				•	
		GSF1.2002.41	GSF1.2202.41			•					•
		GSF1.2001.51	GSF1.2201.51				•			•	
		GSF1.2002.51	GSF1.2202.51				•				•
		GSF1.2001.61	GSF1.2201.61					•		•	
		GSF1.2002.61	GSF1.2202.61					•			•
		GSF1.2001.01	GSF1.2201.01						•	•	•
		GSF1.2002.01	GSF1.2202.01					•		•	
	Pick and Place			GSF1.5402.01					•	•	
GSF1 without fuseholder	Standard	GSF1.0001.31	GSF1.0201.31		•					•	
		GSF1.0002.31	GSF1.0202.31		•						•
		GSF1.0001.41	GSF1.0201.41			•				•	
		GSF1.0002.41	GSF1.0202.41			•					•
		GSF1.0001.51	GSF1.0201.51				•			•	
		GSF1.0002.51	GSF1.0202.51				•				•
		GSF1.0001.61	GSF1.0201.61					•		•	
		GSF1.0002.61	GSF1.0202.61					•			•
		GSF1.0001.01	GSF1.0201.01						•	•	•
		GSF1.0002.01	GSF1.0202.01					•		•	
	Pick and Place			GSF1.3402.01					•	•	

Insulation cover must be ordered separately. Order No. 0098.0078

Other versions on request:

- for protection class II
- protective conductor, with quick-connect terminal 6,3 x 0,8 mm