

FUSEHOLDERS

PCB mount

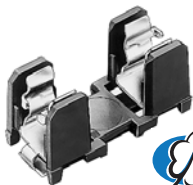
OGN-SMD

for 5 × 20 mm

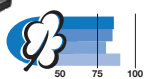
Fuseholder open design Type OGN-SMD

surface mounting
suitable for reflow and
vapour-phase soldering
available in lead-free
version

NEW



0031.8221/22



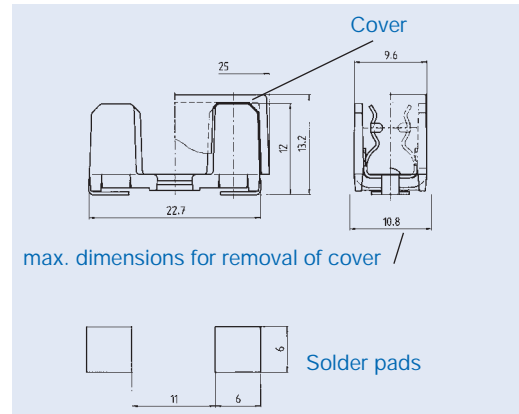
Transparent cover
0853.0551



Reflow-Cover
0853.0571



Reflow-Cover with clamp
0853.0576



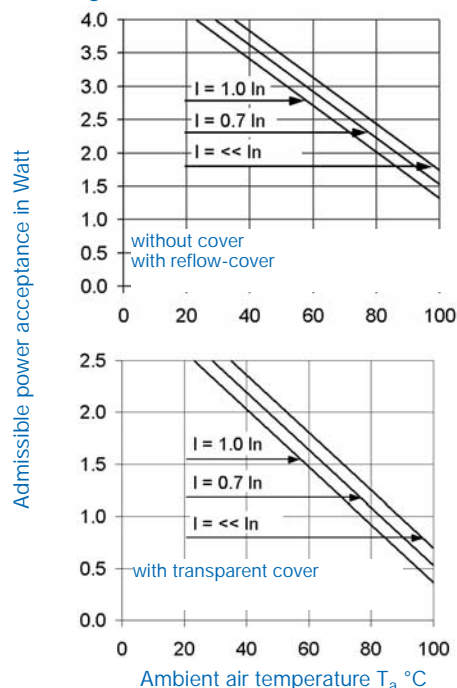
- low profile fuse block with insulation walls

Technical data

- Rated voltage: 250 V
- Rated current: 10 A
- Rated power acceptance at ambient air temperature T_a 23 °C:
 - without cover: 4 W
 - with reflow cover: 4 W
 - with transparent cover: 2,5 W
- Power acceptance at higher T_a : see derating curves
- Allowable ambient air temperatures T_a : -40 °C to +85 °C
- Contact resistance: 5 mΩ
- Dielectric strength: > 3 kV, 50 Hz, 1 Min.*
- Impuls withstand voltage $U_{1,2/50}$: > 12 kV*
- Insulation resistance (500 V DC/1 Min.): > 10 MΩ
- Overvoltage category: I to III
- Pollution degree: 1 to 3
- Clearance and creepage distances: > 4 mm*
- Resistance to vibration:
 - Frequency range 10–500 Hz, cross-over frequency 60 Hz,
 - < 60 Hz constant amplitude of 0,75 mm,
 - > 60 Hz constant acceleration of 10 g, according to IEC 60068-2-6, test Fc
- Climatic category GPF according to DIN 40040
- Solderability: 235 °C/2 sec., according to IEC 60068-2-58, test Td
- Resistance to soldering heat: 260 °C/10 sec., according to IEC 60068-2-20, test Tb
- Materials:
 - socket: thermoplastic, UL 94V-0, comparative tracking index CTI 250
 - clips: copper-alloy, tin-plated

* between live parts of different potentials

Derating curves



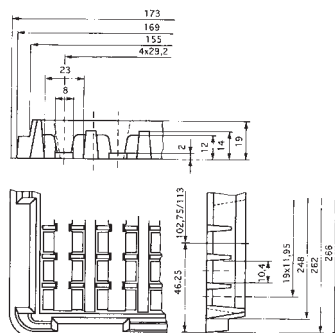
Standards

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

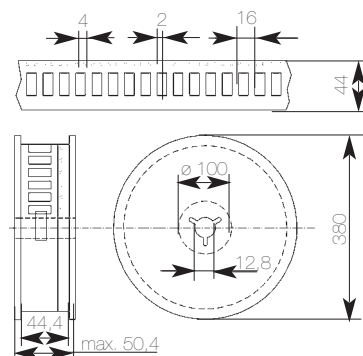
Approvals

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

Blister tray package



Taped and reeled Packaging



Packaging: 0031.8225

Taped and reeled 400 pieces

Order No.		Packaging	
0031.8221	Fuseholder, black	packaged loose, 100 pieces	
0031.8225	Fuseholder, black	blister tape, 400 pieces	
0031.8222	Fuseholder, black	blister tray, 500 pieces	
0853.0551	Transparent Cover	packaged loose, 100 pieces	More technical data see page 183
0853.0571	Reflow-Cover	packaged loose, 100 pieces	More technical data see page 183
0853.0576	Reflow-Cover with clamp	packaged loose, 100 pieces	More technical data see page 183

• **New** .BF for lead-free version (without fuses)

Order No. for preassembled articles, packaging blister tape 400 pieces.

Rated current I _n	with cover	without cover	with cover	without cover	with cover	without cover
	0853.0571 with Fuses FTT	with Fuses FTT	0853.0571 with Fuses FST	with Fuses FST	0853.0571 with Fuses FSF	with Fuses FSF
50 mA			0031.8304	0031.8354		
63 mA	0031.8501	0031.8551	0031.8305	0031.8355		
80 mA	0031.8502	0031.8552	0031.8306	0031.8356		
100 mA	0031.8503	0031.8553	0031.8307	0031.8357		
125 mA	0031.8504	0031.8554	0031.8308	0031.8358		
160 mA	0031.8505	0031.8555	0031.8309	0031.8359		
200 mA	0031.8506	0031.8556	0031.8310	0031.8360		
250 mA	0031.8507	0031.8557	0031.8311	0031.8361		
315 mA	0031.8508	0031.8558	0031.8312	0031.8362		
400 mA	0031.8509	0031.8559	0031.8313	0031.8363		
500 mA	0031.8510	0031.8560	0031.8314	0031.8364	0031.8413	0031.8463
630 mA	0031.8511	0031.8561	0031.8315	0031.8365	0031.8414	0031.8464
800 mA	0031.8512	0031.8562	0031.8316	0031.8366	0031.8415	0031.8465
1 A	0031.8513	0031.8563	0031.8317	0031.8367	0031.8416	0031.8466
1,25 A	0031.8514	0031.8564	0031.8318	0031.8368	0031.8417	0031.8467
1,6 A	0031.8515	0031.8565	0031.8319	0031.8369	0031.8418	0031.8468
2 A	0031.8516	0031.8566	0031.8320	0031.8370	0031.8419	0031.8469
2,5 A	0031.8517	0031.8567	0031.8321	0031.8371	0031.8420	0031.8470
3,15 A	0031.8518	0031.8568	0031.8322	0031.8372	0031.8421	0031.8471
4 A	0031.8519	0031.8569	0031.8323	0031.8373	0031.8422	0031.8472
5 A			0031.8324	0031.8374	0031.8423	0031.8473
6,3 A			0031.8325	0031.8375	0031.8424	0031.8474
8 A			0031.8326	0031.8376	0031.8425	0031.8475
10 A			0031.8327	0031.8377	0031.8426	0031.8476

Preassembled articles with Reflow-Cover 0853.0576 on request available