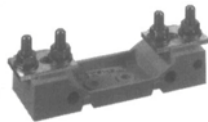


## Ultra Rapid Semiconductor Protection Fuse Square Body Fuse Bases Fuse holders



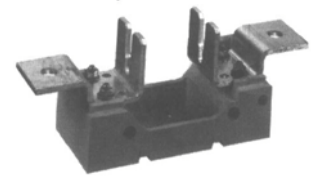
SI 000



SI 00



SI DIN 80 and 110



SI TT

### **Key Features:**

- ❖ Mounting in one pole fuse holder simplifies fuse replacement for installations connected with cables and bars
- ❖ For TTF stud type fuses
- ❖ For blade and bracket type fuses in accordance with DIN 43653 standard
  - Sizes 000 and 00 with 80mm between axes
  - Sizes 0, 1, 2, and 3 with 80mm or 110mm between axes
- ❖ For TTF versions, studs are delivered with the fuse holder
- ❖ Finger safe version also available upon request

**Main Characteristics:**

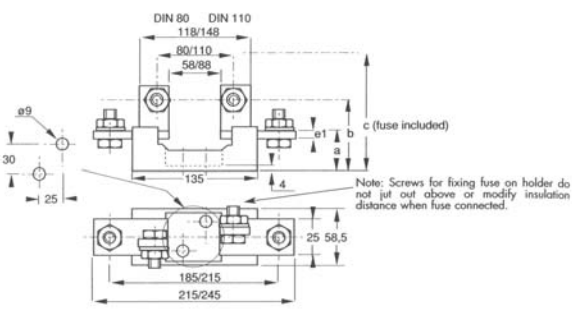
Part Number	Size	Insulation voltage $U_i$ (AC 50/60 Hz & DC) (V)	Current (A)	Maximum power* (W)	Dielectric Withstand Test		Fire and Fume Classifications
					RMS Voltage 1 mn 50/60 Hz	Impulse Voltage 1.2/50 $\mu$ s	
SI 000 DIN 80	000	700	400	24	7 kV	8 kV	UL 94 VO
SI 00 DIN 80	00	700	400	28	8 kV	12 kV	UL 94 VO : I <sub>3</sub> F <sub>3</sub> (NF 16102)
SI DIN 80 630A	80mm	1500	2500	95	10 kV	12 kV	UL 94 VO : I <sub>1</sub> F <sub>1</sub> (NF 16102)
SI DIN 80 1250A	80mm	1500	2500	110	10 kV	12 kV	
SI DIN110 630A	110mm	1500	2500	95	10 kV	12 kV	
SI DIN110 1250A	110mm	1500	2500	110	10 kV	12 kV	
SI TT 30/31	0/1	1500	1000	53-75	10 kV	12 kV	
SI TT 70/71	0/1	1500	1000	53-75	10 kV	12 kV	UL 94 VO : I <sub>1</sub> F <sub>1</sub> (NF 16102)
SI TT 32/33	2/3	1500	2500	100	10 kV	12 kV	
SI TT 72/73	2/3	1500	2500	100	10 kV	12 kV	

**Vibration Withstand:**

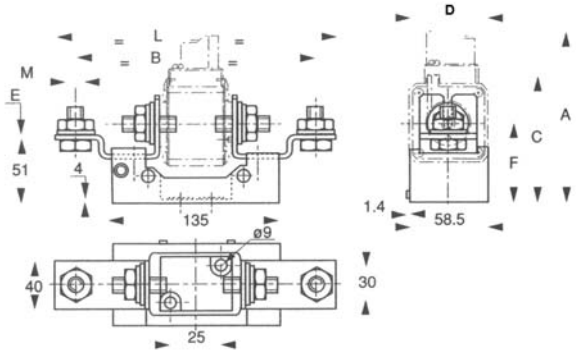
Tests with sine vibrations carried out at ambient with scanning each of the three axes of the holder.

- Spectrum: 1<sup>st</sup> segment (2 to 16Hz) constant trip  $x = 5$  mm peak.  
2<sup>nd</sup> segment (16 to 250Hz) constant acceleration  $\gamma = 5$  g peak.
- Exponential scanning speed: 1 octave per minute.
- Duration: 2 hours per axis

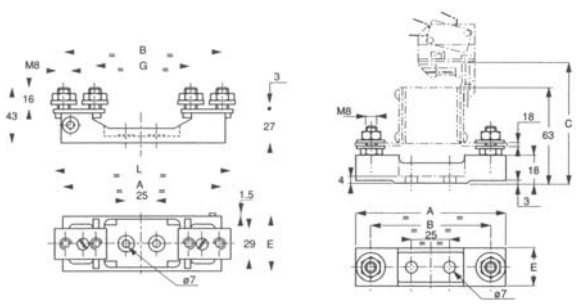
**Outline Drawings & Ordering Information:**

	a	e1	b	c	Size
	SI DIN 80 630	40	5	68	93.5 99.0 103.5 110.3
SI DIN 110 630	40	5	68	93.5 99.0 103.5 110.3	0 1 2 3
SI DIN 80 1250	45	10	73	98.5 104.0 108.5 115.3	0 1 2 3
SI DIN 110 1250	45	10	73	98.5 104.0 108.5 115.3	0 1 2 3

Partition mounting not possible.

	SI TT	A	B	C	D	E	G	L	M	F
	0	118	170	83	42	4	50.6	202	M8	57
	1	123		88	51					
	0	118	193	83	42	4	74	225	M8	67
	1	123		88	51					
	2	137	170	93	60	6	50.6	202	M10	57
	3	145		109	75				M12	
	2	137	193	93	60	6	71	225	M10	67
	3	145		109	75				M12	

Partition mounting not possible. Panel drilling: 25x30mm

		A	B	C	D	E	G	L	Size
	SI 000 DIN 80	100	80	80	19	25	80	100	000
	SI 00 DIN 80	133	130			46.5	79	148	00

Partition mounting only for SI 00 DIN80

ORDERING INFORMATION		(Please quote code as below)	
Type	Size	Diameter	Current (A)
SI	00	DIN 80	-

Order code: e.g. SI 00 DIN80

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