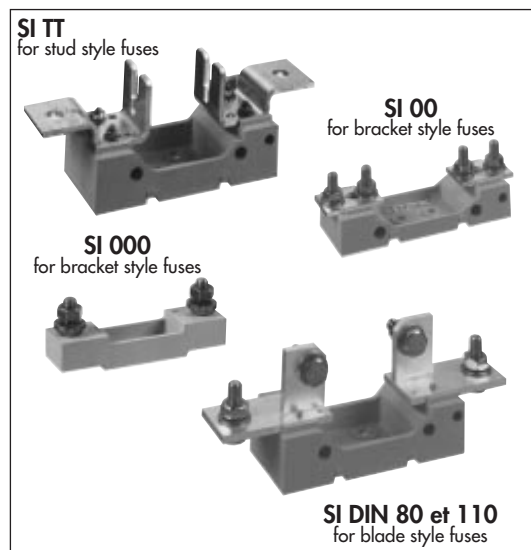




- SI FUSEHOLDERS FOR
- FOR STUD STYLE FUSES
 - FOR BLADE STYLE FUSES
- SI 00 AND SI 000
- FOR BRACKET STYLE FUSES
- SI DIN 80 AND DIN 110

- MOUNTING IN ONE-POLE FUSEHOLDER
MAKING EASIER REPLACEMENT OF FUSES
FOR INSTALLATIONS CONNECTED
WITH CABLES AND BARS
- FOR TTF STUD STYLE FUSES
FOR BLADE AND BRACKET STYLE FUSES ACCORDING TO
DIN 43653 STANDARD
SIZES : 000 - 00, 80 MM BETWEEN AXES
SIZES : 0 - 1 - 2 - 3, 80 AND 110 MM BETWEEN AXES



MAIN CHARACTERISTICS

Fuseholders type and size	Insulation voltage U _i (AC 50/60 Hz & DC)	Current	Maximum power* (W)	Dielectric withstand test		Fire and fumes class
				RMS voltage 1 mn 50/60 Hz	Impulse voltage 1.2/50µs	
SI TT 30/31	1500 V	1000 A	53 - 75	10 kV	12 kV	UL 94 VO I ₁ F ₁ (NF 16102)
SI TT 70/71	1500 V	1000 A	53 - 75	10 kV	12 kV	
SI TT 32/33	1500 V	2500 A	100	10 kV	12 kV	
SI TT 72/73	1500 V	2500 A	100	10 kV	12 kV	
SI 000 DIN 80	700 V	400 A	24	7 kV	8 kV	UL 94 VO
SI 00 DIN 80	700 V	400 A	28	8 kV	12 kV	UL 94 VO - I ₃ F ₃ (NF 16102)
SI DIN 80 630 (30 à 33)	1500 V	2500 A	95	10 kV	12 kV	UL 94 VO I ₁ F ₁ (NF 16102)
SI DIN 110 630 (30 à 33 - 70 à 73)	1500 V	2500 A	95	10 kV	12 kV	
SI DIN 80 1250 (30 à 33)	1500 V	2500 A	110	10 kV	12 kV	
SI DIN 110 1250 (30 à 33 - 70 à 73)	1500 V	2500 A	110	10 kV	12 kV	

* To know the maximum steady RMS current which can flow through fuses mounted in holders, refer to fuses data sheets.

Vibrations withstanding :

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

Spectrum : 1st segment (2 to 16 Hz) constant trip x = 5 mm peak.

2nd segment (16 to 250 Hz) constant acceleration γ = 5 g peak.

Exponential scanning speed : 1 octave per minute.

Duration : 2 hours per axis.

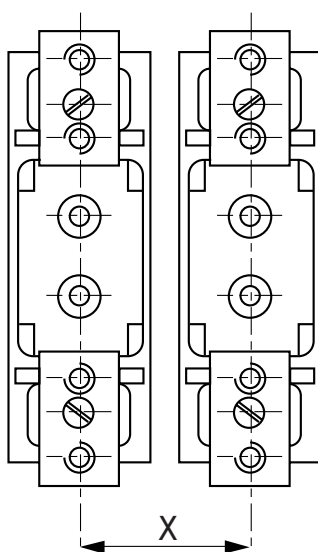
PART #S

Code	Part #	Weight (g)	Packaging
SI TT 30/31	B 301232	1 960	1
SI TT 70/71	C 301233	1 960	1
SI TT 32/33	D 301234	2 900	1
SI TT 72/73	E 301235	2 900	1
SI 000 DIN 80	C 220710	90	12
SI 00 DIN 80	Q 098040	205	3
C - CLO*	M 091344	37	2
SI DIN 80 630	L 098772	625	1
SI DIN 110 630	F 098031	625	1
SI DIN 80 1250	F 098560	885	1
SI DIN 110 1250	L 091941	885	1

* Necessary for SI 00 DIN 80 one-pole mounting.

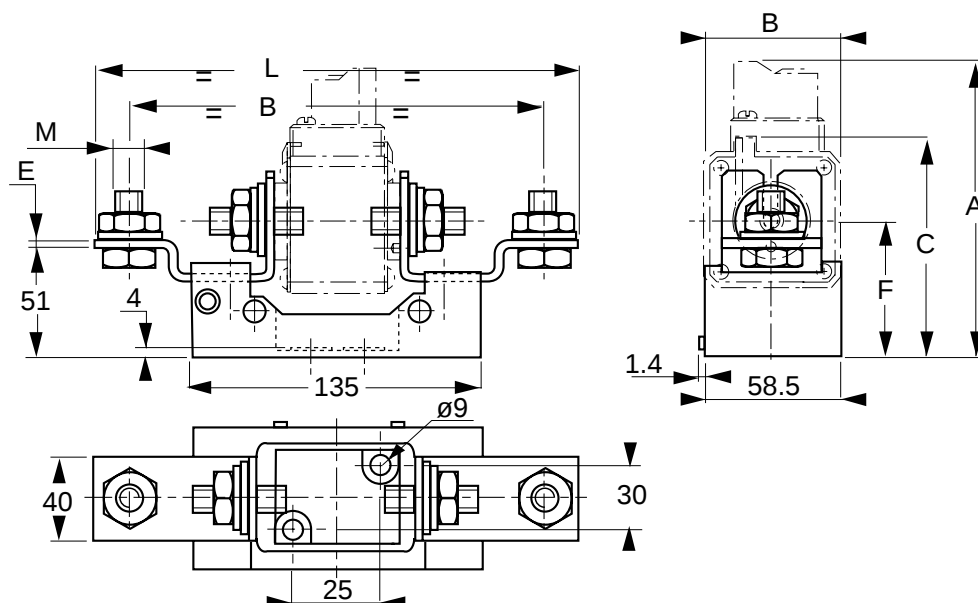
DISTANCE "X" BETWEEN POLE AXES (WITHOUT PARTITION)

Types	Fuses sizes	Operating voltage U				
		400V	550V	690V	1000 V	1250 V
SI TT 30/31 SI TT 70/71	30 - 31 70 - 71	58,5	61	65	71	76
SI TT 32/33 SI TT 72/73	32 - 33 72 - 73	79,5	84,5	88,5	94,5	99,5
SI 000 DIN 80 SI 00 DIN 80	000 00	25 46,5	35 46,5	39 46,5	45 50	50 55
SI DIN 80 630/1250	30 - 31	58,5	61	65	71	76
	32 - 33	79,5	84,5	88,5	94,5	99,5
SI DIN 110 630/1250	30 - 31 - 70 - 71	58,5	61	65	71	76
	32 - 33 72 - 73	79,5	84,5	88,5	94,5	99,5



CONNECTIONS DIMENSIONS

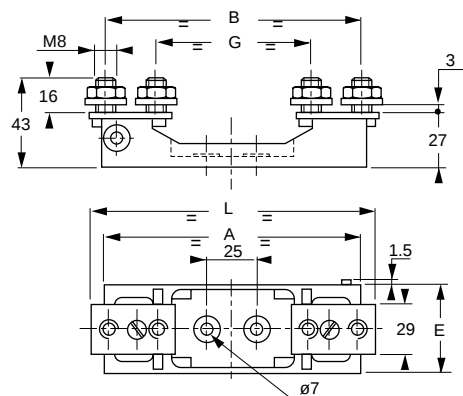
SI TT



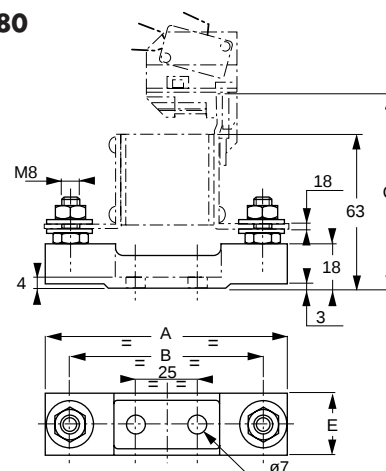
Code	A	B	C	D	E	G	L	M	F
SI TT 30/31	135	170	83 (30) 88 (31)	55	4	50,6	202	M8	57
SI TT 70/71	135	193	83 (70) 88 (71)	55	4	74	225	M8	57
SI TT 32/33	135	170	93 (32) 100 (33)	57	6	50,6	202	M10 (32) M12 (33)	57
SI TT 72/73	135	193	93 (72) 100 (73)	57	6	71	225	M10 (32) M12 (33)	57

Partition mounting impossible

SI 00 DIN 80



SI 000 DIN 80



Code	A	B	C	D	E	G	L	Fuses sizes
SI 000 DIN 80	100	80	80	19	25	80	100	000-17x49-27x60 DIN 80
SI 00 DIN 80	133	130			46.5	79	148	00-27x60 DIN 80

Partition mounting only possible for SI 00 DIN 80

* Electrical connection of fuse and fuseholder via studs, nuts and washers supplied.

maximum tightening torque advised : 13,5 Nm for M8 screws.

26 Nm for M10 screws.

46 Nm for M12 screws.

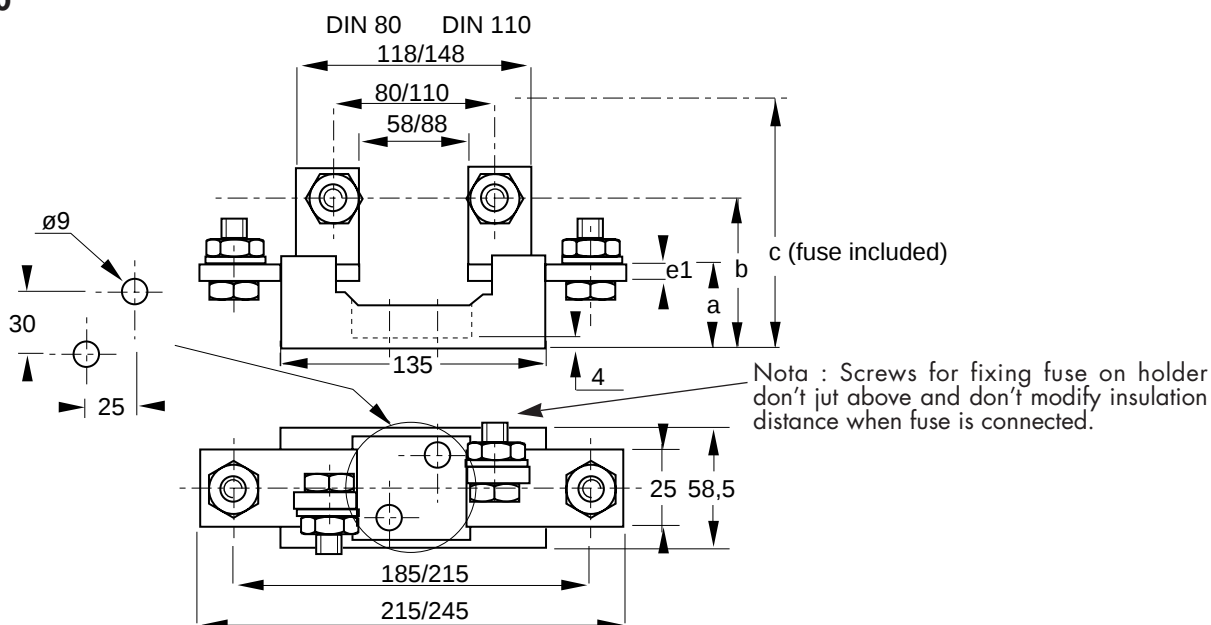
- Fixing of base on plate or bar via screws not supplied.

M6 for SI 000 and SI 00 Tightening torque 7 ± 1.5 Nm.

M8 for SI TT Tightening torque 10 ± 2 Nm.

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SI DIN 80-110



Code	a	e1	b	C	fuses size
SI DIN 80 630	40	5	68	93.5	30 D08.....
				99.0	31 D08.....
				103.5	32 D08.....
				110.3	33 D08.....
SI DIN 110 630	40	5	68	93.5	30-70 D11.....
				99.0	31-71 D11.....
				103.5	32-72 D11.....
				110.3	33-73 D11.....
SI DIN 80 1 250	45	10	73	98.5	30 D08.....
				104	31 D08.....
				108.5	32 D08.....
				115.3	33 D08.....
SI DIN 110 1 250	45	10	73	98.5	30-70 D11.....
				104	31-71 D11.....
				108.5	32-72 D11.....
				115.3	33-73 D11.....

Partition mounting impossible

* Electrical connection of fuse and wires by M10x30 screws made in plated steel 8-8 class at least .
Screws are supplied.

Maximum tightening torque advised : $44 \pm \frac{0}{8}$ Nm for M10 screw.

- Fixing of base with cscrews not supplied : M8. Tightening torque 10 ± 2 Nm.

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