

DIP FUSE (INRUSH-WITHSTAND)

FSE81

- Package: 1,000 Pcs/Taping
- UL US S PS

Mounting Hole Layout

*1: After passing 1.5 /N through 15 min, the current is increased by 0.1 /N every 15 min until the fuse operates. While the current is being increased, the temperature rise at each part of the fuse shall not exceed 135K.

*2: After repeating 100 cycles of the rated current 1 h on / 15 min off, 1.5 /N is passed through the fuse for 1 h.

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Endurance Test / Current Carrying Capacity	Pre-arcing Time / Current Characteristics
AC250V	4A	40A	*1	*2	2.1 /N Within 30 minutes
		50A			0.01 ~ 3 Sec. 4 /N 0.003 ~ 0.3 Sec. 10 /N Within 0.02 Sec.
			1 /N 75K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes

FSE82 (ø5.2X20mm)

- Package: 100 Pcs/Bag
- UL US

Lead Wire Diameter: ø0.8

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
AC400V	100mA ~ 6.3A	500A	1 /N 75K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes
DC400V		200A			
	100mA ~ 2.5A	1,500A			

FSE91 (ø5.2X20mm)

- Package: 1,000 Pcs/Bag
- UL US

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC450V	500mA ~ 6.3A	200A	1 /N 75K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes

FSE92 (ø6.35X25.4mm)

- Package: 100 Pcs/Bag

Lead Wire Diameter: ø0.8 (1A ~ 8A)
ø1.0 (Over 8A to less than 15A)
ø1.2 (15A ~ 30A)

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC500V	1A ~ 30A	1,000A	0.5 /N 75K Max.	1 /N until temp. stabilization occurs	2 /N Within 2 minutes

FSE101 (ø6.35X25.4mm)

- Package: 500 Pcs/Bag
- UL US

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC500V	1A ~ 30A	1,000A	—	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes

FSE102 (ø6.35X25.4mm)

- Package: 100 Pcs/Bag
- UL US

Lead Wire Diameter: ø1.2

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC450V	6.3A	400A	1 /N 120K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes
DC420V	8A ~ 30A				

FSE111 (ø6.35X31.8mm)

- Package: 400 Pcs/Bag
- UL

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC700V	1A ~ 4A	500A	1 /N 75K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes

FSE112 (ø6.35X31.8mm)

- Package: 100 Pcs/Bag

Lead Wire Diameter: ø0.8

Rated Voltage	Rated Current (I _N)	Rated Breaking Current	Temp. Rise	Current Carrying Capacity	Overload Operation
DC700V	1A ~ 4A	500A	1 /N 75K Max.	1 /N until temp. stabilization occurs	2.1 /N Within 30 minutes