

MST/MXT 250 Series
Time Lag Fuses

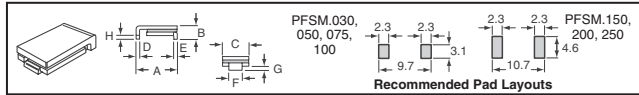
Specifications: Size: 8.5mm x 8.5mm • Rated Voltage: 250VAC • Ambient Temperature Range: -55°C - 125°C • Housing Material: Thermoplastic, UL94V-0 • Terminal Material: Tin Plated Copper • Breaking Capacity: 35A @ 250VAC

Pre-Arcing Time				
1.5 x In (Min.)	2.1 x In (Max.)	2.75 x In (Max.)	4.0 x In (Max.)	10.0 x In (Max.)
60 minutes	120 seconds	10 seconds	3 seconds	150 milliseconds

Series	Rated Current (A)	Power Dissipation (mW)	Digi-Key Part No.	Price Each			Schurter Part No.
				1	25	50	
MST	0.05	155	486-1459-ND	1.18	95	85	0034.6602
	0.063	160	486-1480-ND	1.18	95	85	0034.6603
	0.08	165	486-1461-ND	1.18	95	85	0034.6604
	0.1	170	486-1462-ND	.74	60	54	0034.6605
	0.125	180	486-1463-ND	.74	60	54	0034.6606
	0.16	190	486-1464-ND	.74	60	54	0034.6607
	0.2	200	486-1465-ND	.74	60	54	0034.6608
	0.25	220	486-1466-ND	.74	60	54	0034.6609
	0.315	250	486-1467-ND	.74	60	54	0034.6610
	0.4	280	486-1468-ND	.74	60	54	0034.6611
	0.5	310	486-1135-ND	.74	60	54	0034.6612
	0.63	360	486-1469-ND	.74	60	54	0034.6613
	0.8	430	486-1470-ND	.74	60	54	0034.6614
	1.0	500	486-1136-ND	.74	60	54	0034.6615
	1.25	600	486-1471-ND	.74	60	54	0034.6616
	1.6	730	486-1137-ND	.74	60	54	0034.6617
	2.0	870	486-1138-ND	.74	60	54	0034.6618
	2.5	1000	486-1472-ND	.74	60	54	0034.6619
	3.15	1200	486-1473-ND	.74	60	54	0034.6620
	4	1400	486-1474-ND	.74	60	54	0034.6621
5	—	486-1475-ND	.74	60	54	0034.6622	
6.3	—	486-1476-ND	.74	60	54	0034.6623	
MXT	0.8	430	486-1477-ND	.89	72	64	0034.6914
	1	500	486-1478-ND	.89	72	64	0034.6915
	1.25	600	486-1479-ND	.89	72	65	0034.6916
	1.6	730	486-1414-ND	.89	72	65	0034.6917
	2	870	486-1480-ND	.89	72	65	0034.6918
	2.5	1000	486-1415-ND	.89	72	65	0034.6919
	3.15	1200	486-1481-ND	.89	72	65	0034.6920
	4	1400	486-1482-ND	.89	72	65	0034.6921
	5	—	486-1483-ND	.89	72	65	0034.6922
	6.3	—	486-1484-ND	.89	72	64	0034.6923
8	—	486-1416-ND	.89	72	64	0034.6924	
10	—	486-1417-ND	.89	72	64	0034.6925	

Fast Trip PTC Surface Mount Fuses

Specifications:
• Operating Temperature Range: -40°C - 85°C
• Size: 5.4mm x 8.0mm



Schurter Part No.	Dimensions Maximum (mm)							
	A	B	C	D	E	F	G	H (Min.)
PFSM.030.2	7.98	3.18	5.44	0.71	0.71	2.41	1.37	0.43
PFSM.050.2	7.98	3.18	5.44	0.71	0.30	2.41	1.37	0.43
PFSM.075.2	7.98	3.18	5.44	0.71	0.71	2.41	1.37	0.43
PFSM.100.2	7.98	3.0	5.44	0.71	0.71	2.41	1.37	0.43
PFSM.150.2	9.5	3.0	6.71	0.71	0.71	3.94	1.37	0.43
PFSM.200.2	9.5	3.0	6.71	0.71	0.71	3.94	1.37	0.43
PFSM.250.2	9.5	3.0	6.71	0.71	0.71	3.94	1.37	0.43

Imax (A)	Vmax (V)	Resistance (Ω)		Digi-Key Part No.	Pricing			Tape and Reel†		Schurter Part No.
		Min.	Max.		1	25	50	Qty.	Pricing	
10	60	1.2	2.4	486-1174-1-ND	.65	14.22	25.20	2,000	227.59/M	PFSM.030.2
10	60	0.35	0.7	486-1175-1-ND	.65	14.22	25.20	2,000	227.59/M	PFSM.050.2
40	30	0.35	0.7	486-1176-1-ND	.65	14.22	25.20	2,000	227.59/M	PFSM.075.2
40	30	0.12	0.24	486-1177-1-ND	.65	14.22	25.20	2,000	227.59/M	PFSM.100.2
40	15	0.06	0.12	486-1179-1-ND	.74	16.26	28.80	1,500	260.10/M	PFSM.150.2
40	15	0.05	0.10	486-1180-1-ND	.74	16.26	28.80	1,500	260.10/M	PFSM.200.2
40	15	0.035	0.08	486-1181-1-ND	.74	16.26	28.80	1,500	260.10/M	PFSM.250.2

† For Tape and Reel part number, change 1-ND to 2-ND.

BULGIN Fuseholders

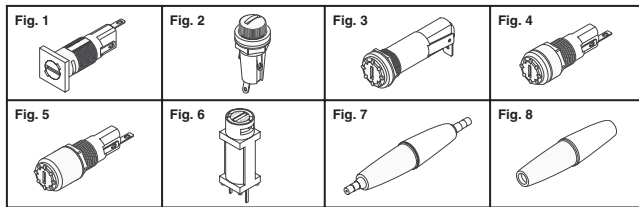
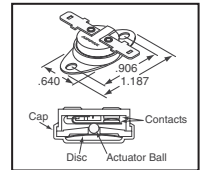


Fig. Description	Digi-Key Part No.	Price Each			Bulgin Part No.
		1	25	50	
Panel Mount Fuseholders					
1 5x20mm Fuse, Touchproof® PC2, Bayonet Cap	708-1422-ND	2.31	2.13	1.89	FX0359
2 5x20mm Fuse, Touchproof PC1, Screw Cap	708-1423-ND	2.27	2.09	1.85	FX0296

Fig. Description	Digi-Key Part No.	Price Each			Bulgin Part No.
		1	25	50	
3 6.3x32mm Fuse, Touchproof PC2, IP68, Screw Cap	708-1424-ND	4.64	4.26	3.81	FX0419
4 5x20mm Fuse, Touchproof PC2, IP67, Screw Cap	708-1425-ND	2.60	2.39	2.14	FX0462
5 5x20mm Fuse, Touchproof PC2, IP67, High Profile, Screw Cap	708-1426-ND	2.60	2.39	2.14	FX0463
PC Mount Fuseholders					
6 5x20mm Fuse, Touchproof PC2, Bayonet Cap	708-1427-ND	2.61	2.41	2.14	FX0456
In-Line Fuseholders					
7 6.3x32mm Fuse, PC1, IP66	708-1428-ND	3.44	3.17	2.82	FX0185
4 5x20mm Fuse, PC1, IP66	708-1430-ND	3.42	3.14	2.80	FX0385
8 5x20mm Fuse, PC1	708-1429-ND	2.18	2.01	1.78	FX0380

Sensata Thermal Switches

These thin, lightweight, wafer-type AIRPAX® thermal switches are ideal for applications when space is at a premium. The basic switch assembly is operated by a bimetal disc with positive, reinforced snap-action which is known for its repeat reliability. For high humidity and contaminating atmosphere applications, the device is sealed with a non-volatile resin.

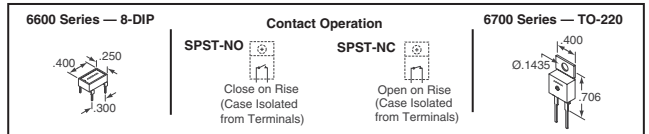


Specifications: • Contact Rating for 100,000 Life Cycles: **5003 series:** 5A resistive, 120VAC; 3A resistive, 240VAC; **5004 series:** 10A resistive, 240VAC • Contacts: SPST • Temperature Settings: 35°F - 325°F • Dielectric: 1500Vrms 60Hz (1 minimum) terminals to case • Exposure Limit: -40°F - 350°F • Self Resetting

Trip Temperature (°F)	Contact Operation	Switching Current	Digi-Key Part No.	Price Each			Sensata Part No.
				1	10	50	
AIRPAX® 5003 Series (Designed for 120VAC and 240VAC)							
105	SPST-NO	5A/120VAC	723-1220-ND	9.87	9.34	7.93	C53GAB105A-090Y
125	SPST-NC	5A/120VAC	723-1221-ND	9.87	9.34	7.93	O53GAB125A-110Y
165	SPST-NC	5A/120VAC	723-1222-ND	9.87	9.34	7.93	O53GAB165A-150Y
175	SPST-NO	5A/120VAC	723-1224-ND	9.87	9.34	7.93	O53GAB175A-160Y
190	SPST-NO	5A/120VAC	723-1226-ND	9.87	9.34	7.93	C53GAB190A-175Y
215	SPST-NO	5A/120VAC	723-1223-ND	9.87	9.34	7.93	C53GAB215B-190Y
AIRPAX® 5004 Series (Designed for 240VAC)							
240	SPST-NC	10A/240VAC	723-1227-ND	11.10	10.51	8.92	O54EAB240B-215Y

PCB Mount Thermal Switches

The AIRPAX® 6600 and 6700 series are subminiature bimetallic snap acting thermostats which provide accurate and reliable sensing and switching in a single device. Primarily developed for thermal management applications on power supplies, the AIRPAX® 6600 and 6700 series are also ideally suited for use on crowded PC boards. **Specifications:** • Contact Rating for 30,000 Life Cycles: 1A, 48VDC; 1A, 120VAC • Operating Temperature Range: 6600 Series: 40°C - 130°C (104°F - 266°F); 6700 Series: 40°C - 130°C (104°F - 266°F) • Insulation Resistance: 100MΩ at 500VDC • Self Resetting



Trip Temperature (°C)	Contact Operation	Digi-Key Part No.	Price Each			Sensata Part No.
			1	10	50	
6600 Series - 8-DIP						
60	SPST-NO	723-1216-ND	7.03	6.76	6.13	66F060
70	SPST-NC	723-1211-ND	7.03	6.76	6.13	66L070
80	SPST-NC	723-1215-ND	7.03	6.76	6.13	66L080
85	SPST-NC	723-1210-ND	7.03	6.76	6.13	66L085
85	SPST-NO	723-1212-ND	7.03	6.76	6.13	66F085
90	SPST-NC	723-1218-ND	7.40	7.12	6.46	66L090
90	SPST-NO	723-1214-ND	7.03	6.76	6.13	66F090
95	SPST-NC	723-1219-ND	7.03	6.76	6.13	66L095
95	SPST-NO	723-1217-ND	7.03	6.76	6.13	66F095
120	SPST-NO	723-1213-ND	7.03	6.76	6.13	66F120
6700 Series - TO-220						
45	SPST-NO	723-1191-ND	7.18	6.91	6.27	67F045
50	SPST-NC	723-1203-ND	7.03	6.76	6.13	67L050
50	SPST-NO	723-1192-ND	7.03	6.76	6.13	67F050
60	SPST-NC	723-1204-ND	7.03	6.76	6.13	67L060
60	SPST-NO	723-1193-ND	7.18	6.91	6.27	67F060
65	SPST-NC	723-1205-ND	7.03	6.76	6.13	67L065
65	SPST-NO	723-1194-ND	7.03	6.76	6.13	67F065
70	SPST-NC	723-1206-ND	7.03	6.76	6.13	67L070
70	SPST-NO	723-1190-ND	7.03	6.76	6.13	67F070
75	SPST-NC	723-1207-ND	7.18	6.91	6.27	67L075
75	SPST-NO	723-1195-ND	7.03	6.76	6.13	67F075
80	SPST-NC	723-1187-ND	7.03	6.76	6.13	67L080
80	SPST-NO	723-1189-ND	7.03	6.76	6.13	67F080
85	SPST-NC	723-1188-ND	7.03	6.76	6.13	67L085
85	SPST-NO	723-1196-ND	7.03	6.76	6.13	67F085
90	SPST-NC	723-1186-ND	7.03	6.76	6.13	67L090
90	SPST-NO	723-1182-ND	7.03	6.76	6.13	67F090
90	SPST-NO	723-1197-ND†	7.03	6.76	6.13	67F090P
95	SPST-NC	723-1208-ND	7.03	6.76	6.13	67L095
95	SPST-NO	723-1185-ND	7.03	6.76	6.13	67F095
95	SPST-NO	723-1198-ND†	7.81	7.51	6.81	67F095P
100	SPST-NC	723-1184-ND	7.03	6.76	6.13	67L100
100	SPST-NO	723-1181-ND	7.03	6.76	6.13	67F100
105	SPST-NO	723-1179-ND	7.03	6.76	6.13	67F105
110	SPST-NC	723-1183-ND	4.68	4.51	4.09	67L110
110	SPST-NO	723-1180-ND	7.03	6.76	6.13	67F110
110	SPST-NO	723-1199-ND†	7.03	6.76	6.13	67F110P
115	SPST-NO	723-1200-ND	7.18	6.91	6.27	67F115
120	SPST-NC	723-1209-ND	7.03	6.76	6.13	67L120
120	SPST-NO	723-1201-ND	7.03	6.76	6.13	67F120
130	SPST-NO	723-1202-ND	7.03	6.76	6.13	67F130

† With plastic mounting bracket, for applications requiring VDE.