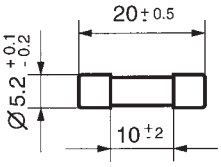
Miniature Fuses Type FST 5 × 20

time-lag T
low breaking capacity L
Glass tube





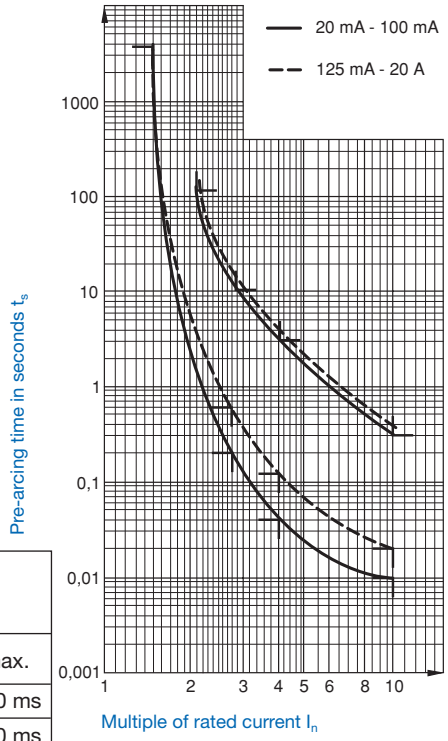
Standards

IEC 60127-2/3, EN 60127-2/3.

Approvals

SEV
VDE
SEMKO
UL
CSA
VDE to / bis 6,3 A
VDE 8 A + 10 A

Pre-arcing time/current characteristic (at T_a 23 °C)



Rated current I_n \ $n \cdot I_n$	1,5 · I_{rat}*		2,1 · I_{rat}		2,75 · I_{rat}		4 · I_{rat}		10 · I_{rat}	
	min.		max.	min.	max.	min.	max.	min.	max.	
20 mA	60 min					40 ms	3 s	10 ms	300 ms	
32 mA – 100 mA	60 min		2 min	200 ms	10 s	40 ms	3 s	10 ms	300 ms	
> 100 mA – 6,3 A	60 min		2 min	600 ms	10 s	150 ms	3 s	20 ms	300 ms	
> 6,3 A – 20 A	30 min		2 min	600 ms	10 s	150 ms	3 s	20 ms	300 ms	

* Non fusing current I_{nf}
** These values are not guaranteed at 20 mA

Order No. /	Rated current I_n Rated voltage U_n	Breaking capacity	Voltage drop at I_n max. IEC 60127 mV	Voltage drop at I_n typ. mV	Sustained power dissipation at 1,5 I_n max. IEC 60127 W	Sustained power dissipation at 1,5 I_n typ. W	Pre-arcing I^2t at 10 · I_n typ. A^2s	Approvals SEV	VDE	SEMKO	UL	CSA
0034.3101	20 mA*/ 250 V	L = 35 A / 250 V AC, p.f. / cos φ 1		2700		0,1	$1,2 \cdot 10^{-3}$					
0034.3102	32 mA / 250 V		5000	3000	1,6	0,2	$1,9 \cdot 10^{-3}$	•	•	•	•	•
0034.3103	40 mA / 250 V		4000	2100	1,6	0,2	$2,7 \cdot 10^{-3}$	•	•	•	•	•
0034.3104	50 mA / 250 V		3500	950	1,6	0,125	$3,63 \cdot 10^{-2}$	•	•	•	•	•
0034.3105	63 mA / 250 V		3000	1300	1,6	0,2	$4,01 \cdot 10^{-2}$	•	•	•	•	•
0034.3106	80 mA / 250 V		3000	1100	1,6	0,3	$5,70 \cdot 10^{-2}$	•	•	•	•	•
0034.3107	100 mA / 250 V		2500	1000	1,6	0,3	$1,07 \cdot 10^{-1}$	•	•	•	•	•
0034.3108	125 mA / 250 V		2000	400	1,6	0,2	$6,4 \cdot 10^{-2}$	•	•	•	•	•
0034.3109	160 mA / 250 V		1900	340	1,6	0,2	$2,3 \cdot 10^{-1}$	•	•	•	•	•
0034.3110	200 mA / 250 V		1500	270	1,6	0,2	$2,56 \cdot 10^{-1}$	•	•	•	•	•
0034.3111	250 mA / 250 V		1300	210	1,6	0,2	$2,38 \cdot 10^{-1}$	•	•	•	•	•
0034.3112	315 mA / 250 V		1100	170	1,6	0,2	$5,44 \cdot 10^{-1}$	•	•	•	•	•
0034.3113	400 mA / 250 V		1000	150	1,6	0,2	$7,68 \cdot 10^{-1}$	•	•	•	•	•
0034.3114	500 mA / 250 V		900	160	1,6	0,2	3	•	•	•	•	•
0034.3115	630 mA / 250 V		300	160	1,6	0,3	4,35	•	•	•	•	•
0034.3116	800 mA / 250 V		250	120	1,6	0,3	3,85	•	•	•	•	•
0034.3117	1 A / 250 V		150	60	1,6	0,2	3,30	•	•	•	•	•
0034.3118	1,25 A / 250 V		150	60	1,6	0,3	5,50	•	•	•	•	•
0034.3165	1,4 A*/ 250 V			60		0,3	7,45			•		
0034.3119	1,6 A / 250 V		150	60	1,6	0,3	10,5	•	•	•	•	•
0034.3120	2 A / 250 V		150	60	1,6	0,3	16	•	•	•	•	•
0034.3121	2,5 A / 250 V		120	60	1,6	0,4	21,9	•	•	•	•	•
0034.3122	3,15 A / 250 V		100	60	1,6	0,5	47	•	•	•	•	•
0034.3123	4 A / 250 V	L = 10 I_n / 250 V AC, p.f. / cos φ 1	100	60	1,6	0,8	68,3	•	•	•	•	•
0034.3124	5 A / 250 V		100	60	1,6	0,9	102	•	•	•	•	•
0034.3125	6,3 A / 250 V		100	60	1,6	1,0	190	•	•	•	•	•
0034.3126	8 A / 250 V*		100	60	4	1,3	275		•	•	•	•
0034.3127	10 A / 250 V*		100	60	4	1,3	520		•	•	•	•
0034.3128	12,5 A / 250 V*			60		2,5	750				•	•
0034.3129	16 A / 250 V*			60		3,3	1638				•	•
0034.3130	20 A / 250 V*			60		4,2	3057					

* Not mentioned in the standards



Available as Pigtail miniature fuse-links, see page 100

FST 5 x 20 Miniature Fuses pre-inserted info fuseholder OGN-SMD see page 167, 168

Miniature Fuses with Pigtails Type SP 5 × 20

quick acting F
high breaking capacity





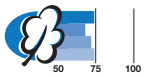
Order No.		I_n / U_n
0001.1001.PT	0001.1001.TR	500 mA / 250 V
0001.1002.PT	0001.1002.TR	630 mA / 250 V
0001.1003.PT	0001.1003.TR	800 mA / 250 V
0001.1004.PT	0001.1004.TR	1 A / 250 V
0001.1005.PT	0001.1005.TR	1,25 A / 250 V
0001.1006.PT	0001.1006.TR	1,6 A / 250 V
0001.1007.PT	0001.1007.TR	2 A / 250 V
0001.1008.PT	0001.1008.TR	2,5 A / 250 V
0001.1009.PT	0001.1009.TR	3,15 A / 250 V
0001.1010.PT	0001.1010.TR	4 A / 250 V
0001.1011.PT	0001.1011.TR	5 A / 250 V
0001.1012.PT	0001.1012.TR	6,3 A / 250 V
0001.1013.PT	0001.1013.TR	8 A / 250 V
0001.1014.PT	0001.1014.TR	10 A / 250 V

Technical data see page 96

Miniature Fuses with Pigtails Type SPT 5 × 20

time-lag T
high breaking capacity





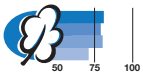
Order No.		I_n / U_n
0001.2504.PT	0001.2504.TR	1 A / 250 V
0001.2505.PT	0001.2505.TR	1,25 A / 250 V
0001.2506.PT	0001.2506.TR	1,6 A / 250 V
0001.2507.PT	0001.2507.TR	2 A / 250 V
0001.2508.PT	0001.2508.TR	2,5 A / 250 V
0001.2509.PT	0001.2509.TR	3,15 A / 250 V
0001.2510.PT	0001.2510.TR	4 A / 250 V
0001.2511.PT	0001.2511.TR	5 A / 250 V
0001.2512.PT	0001.2512.TR	6,3 A / 250 V
0001.2513.PT	0001.2513.TR	8 A / 250 V
0001.2514.PT	0001.2514.TR	10 A / 250 V

Technical data see page 97

Miniature Fuses with Pigtails Type FSF 5 × 20

quick acting F
low breaking capacity

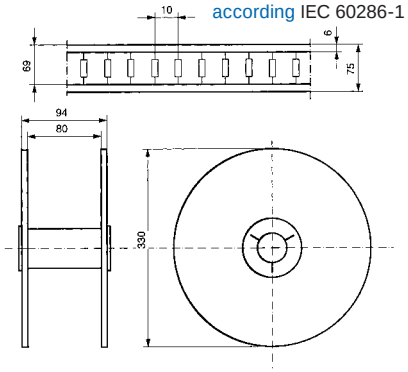




Order No.		I_n / U_n
0034.1513.PT	0034.1513.TR	500 mA / 250 V
0034.1514.PT	0034.1514.TR	630 mA / 250 V
0034.1515.PT	0034.1515.TR	800 mA / 250 V
0034.1516.PT	0034.1516.TR	1 A / 250 V
0034.1517.PT	0034.1517.TR	1,25 A / 250 V
0034.1518.PT	0034.1518.TR	1,6 A / 250 V
0034.1519.PT	0034.1519.TR	2 A / 250 V
0034.1520.PT	0034.1520.TR	2,5 A / 250 V
0034.1521.PT	0034.1521.TR	3,15 A / 250 V
0034.1522.PT	0034.1522.TR	4 A / 250 V
0034.1523.PT	0034.1523.TR	5 A / 250 V
0034.1524.PT	0034.1524.TR	6,3 A / 250 V
0034.1525.PT	0034.1525.TR	8 A / 250 V

Technical data see page 89

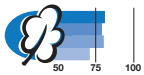
Packaging :
00XX.XXXX.PT Boxes of 1000 pieces
00XX.XXXX.TR Taped and reeled



Miniature Fuses with Pigtails Type FST 5 × 20

time-lag T
low breaking capacity

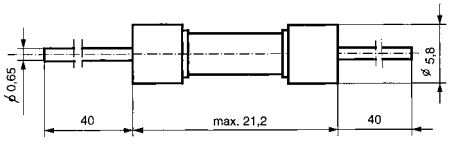




Order No.		I_n / U_n
0034.3104.PT	0034.3104.TR	50 mA / 250 V
0034.3105.PT	0034.3105.TR	63 mA / 250 V
0034.3106.PT	0034.3106.TR	80 mA / 250 V
0034.3107.PT	0034.3107.TR	100 mA / 250 V
0034.3108.PT	0034.3108.TR	125 mA / 250 V
0034.3109.PT	0034.3109.TR	160 mA / 250 V
0034.3110.PT	0034.3110.TR	200 mA / 250 V
0034.3111.PT	0034.3111.TR	250 mA / 250 V
0034.3112.PT	0034.3112.TR	315 mA / 250 V
0034.3113.PT	0034.3113.TR	400 mA / 250 V
0034.3114.PT	0034.3114.TR	500 mA / 250 V
0034.3115.PT	0034.3115.TR	630 mA / 250 V
0034.3116.PT	0034.3116.TR	800 mA / 250 V
0034.3117.PT	0034.3117.TR	1 A / 250 V
0034.3118.PT	0034.3118.TR	1,25 A / 250 V
0034.3165.PT	0034.3165.TR	1,4 A / 250 V
0034.3119.PT	0034.3119.TR	1,6 A / 250 V
0034.3120.PT	0034.3120.TR	2 A / 250 V
0034.3121.PT	0034.3121.TR	2,5 A / 250 V
0034.3122.PT	0034.3122.TR	3,15 A / 250 V
0034.3123.PT	0034.3123.TR	4 A / 250 V
0034.3124.PT	0034.3124.TR	5 A / 250 V
0034.3125.PT	0034.3125.TR	6,3 A / 250 V
0034.3126.PT	0034.3126.TR	8 A / 250 V

Technical data see page 90

Dimensions



Pigtail only approved up to 8 A