

# Type TSA/TSA-P

## 6.3 x 32mm

### Time-Lag Glass Tube Fuse



www.optifuse.com (619) 593-5050

#### Agency Standards and Listings:



#### Interrupt Ratings:

200mA ~ 1A: 35A @ 250VAC  
 1.2A ~ 3.5A: 100A @ 250VAC  
 4A ~ 30A: 200A @ 250VAC  
 12A ~ 30A: 1,000A @ 32VAC  
 1A ~ 5A 100A @ 250VAC PSE/KC

#### Operating Temperature:

-55C - +125C

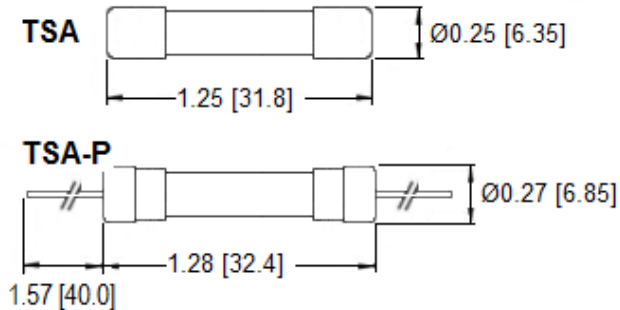
#### Physical Specifications:

Materials  
 Glass Body/Nickel Plated Brass Contacts  
 Lead Wire: Tin Plated Copper

#### Electrical Characteristics

100%	135%	200%
MIN	MAX	MAX
4 hr	1 hr	120s

#### Mechanical Dimensions:



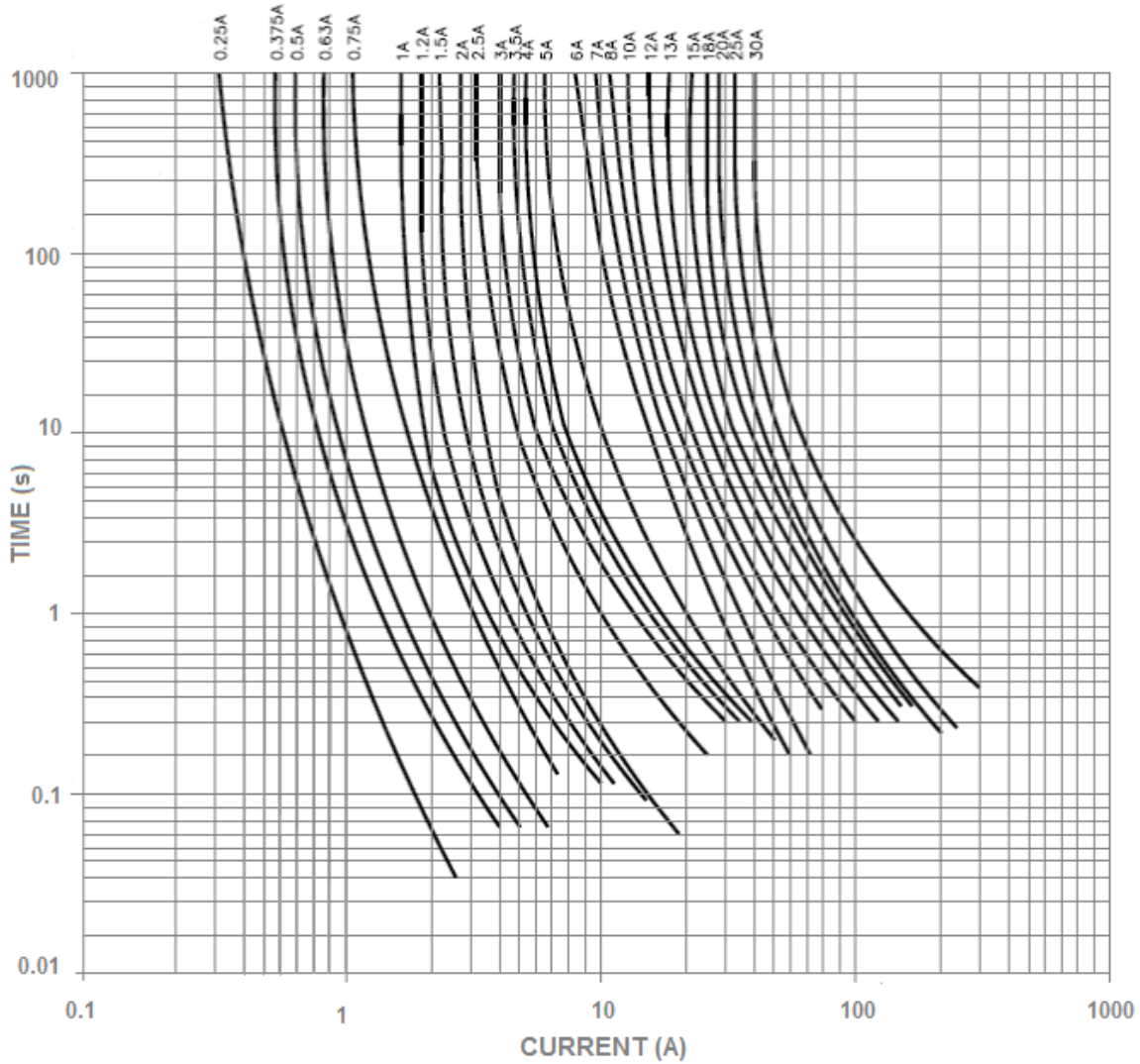
Cartridge Part Number	Axial Lead Part Number	Ampere Rating	Voltage Rating	T Ü V	P S E	K C	I <sup>2</sup> T REFERENCE (A <sup>2</sup> Sec.)
TSA-200mA	TSA-P-200mA	200mA	250V	•		•	0.262
TSA-250mA	TSA-P-250mA	250mA		•		•	0.415
TSA-300mA	TSA-P-300mA	300mA		•		•	0.820
TSA-315mA	TSA-P-315mA	315mA		•		•	0.910
TSA-350mA	TSA-P-350mA	350mA		•		•	1.091
TSA-400mA	TSA-P-400mA	400mA		•		•	1.550
TSA-500mA	TSA-P-500mA	500mA		•		•	2.512
TSA-600mA	TSA-P-600mA	600mA		•		•	3.803
TSA-630mA	TSA-P-630mA	630mA		•		•	4.285
TSA-750mA	TSA-P-750mA	750mA		•		•	7.705
TSA-800mA	TSA-P-800mA	800mA		•		•	1.542
TSA-1A	TSA-P-1A	1A		•	•	•	3.373
TSA-1.2A	TSA-P-1.2A	1.2A		•	•	•	5.115
TSA-1.25A	TSA-P-1.25A	1.25A		•	•	•	5.789
TSA-1.5A	TSA-P-1.5A	1.5A		•	•	•	10.02
TSA-1.6A	TSA-P-1.6A	1.6A	•	•	•	11.52	
TSA-2A	TSA-P-2A	2A	•	•	•	7.48	
TSA-2.5A	TSA-P-2.5A	2.5A	•	•	•	11.43	
TSA-3A	TSA-P-3A	3A	•	•	•	18.71	
TSA-3.15A	TSA-P-3.15A	3.15A	•	•	•	20.45	
TSA-3.5A	TSA-P-3.5A	3.5A	•	•	•	25.55	
TSA-4A	TSA-P-4A	4A	•	•	•	32.96	
TSA-5A	TSA-P-5A	5A	•	•	•	57.80	
TSA-6A	TSA-P-6A	6A		•		857.2	
TSA-6.3A	TSA-P-6.3A	6.3A		•		928.4	
TSA-7A	TSA-P-7A	7A		•		981.0	
TSA-8A	TSA-P-8A	8A		•		999.5	
TSA-10A	TSA-P-10A	10A		•		2427	
TSA-12A	TSA-P-12A	12A		•		3394	
TSA-13A	TSA-P-13A	13A		•		4278	
TSA-15A	TSA-P-15A	15A		•		5561	
TSA-16A	TSA-P-16A	16A	32V 250V			5760	
TSA-18A	TSA-P-18A	18A					6872
TSA-20A	TSA-P-20A	20A					7560
TSA-25A	TSA-P-25A	25A					17663
TSA-30A	TSA-P-30A	30A					24300

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**6.3 x 32mm**  
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Time Current Curve Graph



**Warning:**



-Operation beyond the specified maximum ratings or improper use may result in damage and possible electrical arcing and/or flame.

-Avoid contact of fuse with chemical solvent. Prolonged contact may damage the device performance.

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