

# 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

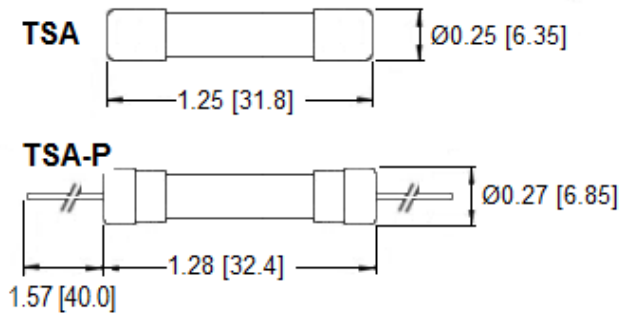
Glass Body/Nickel Plated Brass Contacts

Lead Wire: Tin Plated Copper

#### Electrical Characteristics

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

#### Mechanical Dimensions:



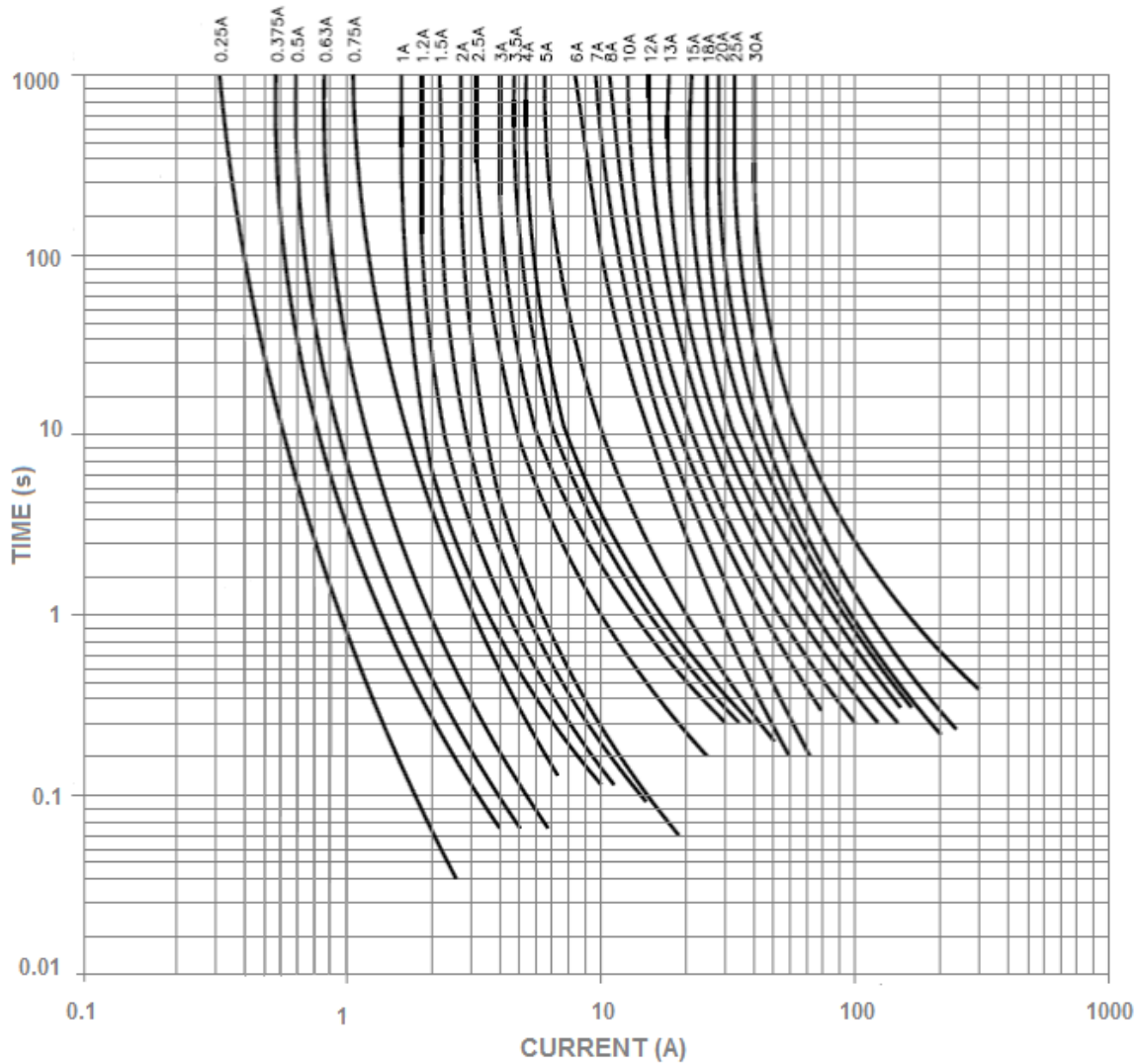
Cartridge Part Number	Axial Lead Part Number	Ampere Rating	Voltage Rating	UL	UR	TÜV	CSA	PSE	KC	I <sup>2</sup> T REFERENCE (A <sup>2</sup> Sec.)
TSA-200mA	TSA-P-200mA	200mA	250V	•		•	•	•		0.262
TSA-250mA	TSA-P-250mA	250mA		•		•	•	•		0.415
TSA-300mA	TSA-P-300mA	300mA		•		•	•	•		0.820
TSA-315mA	TSA-P-315mA	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	•					5760	
TSA-18A	TSA-P-18A	18A	250V	•					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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**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.