

FEATURES

- 3mm x 32mm cartridge size
- F Speed Rating
- Cylindrical in shape
- HBC (high breaking current) fuse

RS PRO, 500mA Ceramic Cartridge Fuse, 6.3 x 32mm, Speed F

RS Stock No.: 209-9276



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO offer this range of miniature ceramic cartridge fuses which are either ultra-rapid fuses (FF) or fast acting fuses (F). The ultra-rapid fuses operate at higher temperatures so are ideal to provide circuit protection to semiconductor devices. The fast-acting fuses are ideal to protect less sensitive components.

General Specifications

Fuse Speed	F
Body Material	Ceramic
Applications	Industrial, Commercial, Home/Residential, Automotive

Electrical Specifications

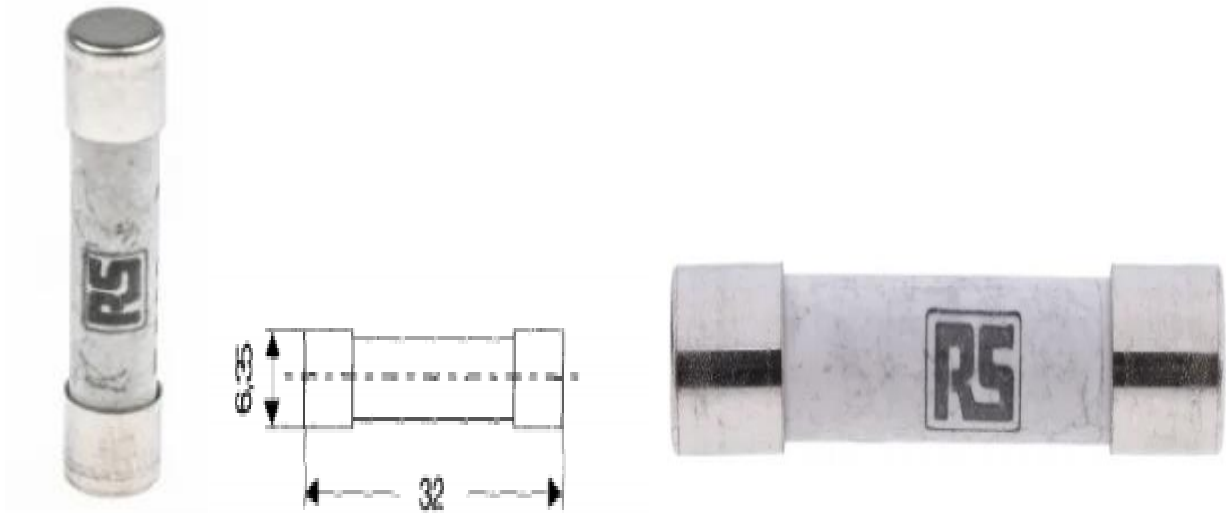
Current Rating	500mA
Voltage Rating	500V ac
Voltage Drop	2000mV
I²t Value	0,38A ² s

Mechanical Specifications

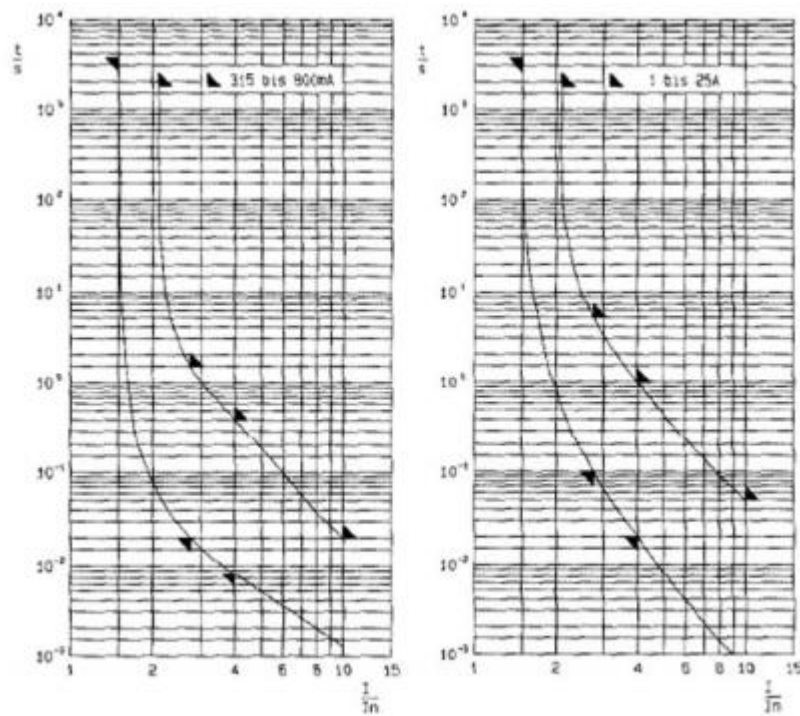
Fuse Size	6.3mm x 32mm
Overall Length	32mm
Diameter	6.3mm
Weight	0.24kg/100

Approvals

Compliance/Certifications	UL, RoHS
---------------------------	----------



Art.-Nr.	Bemessungsstrom rated current	max. Spannungsfall max. voltage drop mV	Schmelzintegral I ² t-value A ² s	Bemessungs- ausschaltvermögen rated breaking capacity	Bemessungs- spannung rated voltage
70 065 63	315 mA	3000	0,07		
	400 mA	2500	0,14		
	500 mA	2000	0,38		
	630 mA	1000	0,65	1500 A	
	800 mA	800	1	bei / at	
	1 A	700	0,5	500 V AC	
	1,25 A	600	1	cos φ = 1,0	
	1,6 A	500	1,8		500 V
	2 A	400	3		
	2,5 A	300	7,5	10 kA	
	3,15 A	300	13	bei / at	
	4 A	250	23	440 V AC	
	5 A	200	42	cos φ = 0,3	
	6,3 A	200	97		
	8 A *	200	170		
	10 A *	200	250		
12,5 A *	200	520	1500 A bei/at		
16 A *	200	1000	500 V AC, cos φ = 1		
20 A *	200	1300	1500 A bei/at		
25 A *	200	2200	440 V AC, cos φ = 1	440 V	



Grenzwerte der Schmelzzeit / pre-arcing time limits

Bemessungsstrom rated current	$1,5 I_{rat}$	$2,1 I_{rat}$	$2,75 I_{rat}$	$4 I_{rat}$	$10 I_{rat}$
315 mA 800 mA	> 1 h	< 30 min.	20 ms 1,5 s	8 ms 0,4 s	< 20 ms
1 A ... 25 A			100 ms ... 5 s	20 ms ... 1 s	< 50 ms