

## FEATURES

- 6.3mm x 32mm cartridge size
- F Speed Rating
- Cylindrical in shape
- HBC (high breaking current) fuse

## RS PRO, 12.5A Ceramic Cartridge Fuse, 6.3 x 32mm, Speed FF

RS Stock No.: 420-224



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

<b>Fuse Speed</b>	FF
<b>Body Material</b>	Ceramic
<b>Size Designation</b>	Miniature
<b>UL Class</b>	UL 248-13
<b>Applications</b>	Miniature fuses are a relatively cheap way of protecting electrical equipment from short circuits and overcurrent and can be used to protect electrical appliances, electronic equipment and component parts

## Electrical Specifications

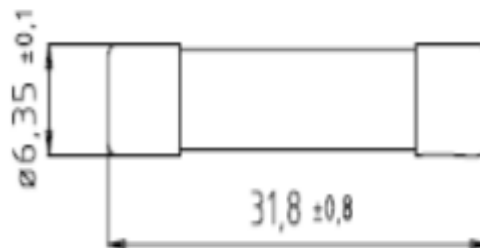
<b>Current Rating</b>	12.5A
<b>Voltage Rating</b>	500V ac
<b>Breaking Capacity (at Maximum Voltage Rating)</b>	AC 50kV / DC 20kV

## Mechanical Specifications

<b>Fuse Size</b>	6.3mm x 32mm
<b>Overall Length</b>	32mm
<b>Diameter</b>	6.3mm

## Approvals

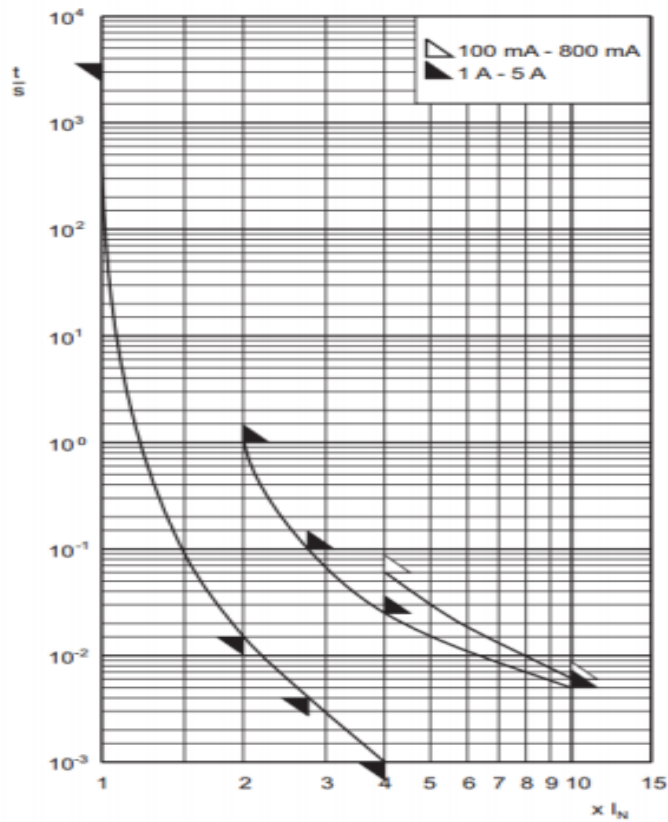
Compliance/Certifications	UL, RoHS
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### Schmelzeitgrenzwerte: Fusing time limits:

Bemessungsstrom Rated current	$1 \times I_N$	$1,2 \times I_N$	$2,75 \times I_N$		$4 \times I_N$		$10 \times I_N$
	min.	max.	min.	max.	min.	max.	max.
100 mA - 800 mA	1 h	-	-	-	-	60 ms	6 ms
1 A - 5 A	1 h	-	4 ms	150 ms	1 ms	25 ms	5 ms
6,3 - 20 A	-	1 h	4 ms	300 ms	1 ms	30 ms	2 ms
25 A	-	1 h	4 ms	300 ms	1 ms	60 ms	5 ms

Zeit/Strom-Kennlinien  
Time-Current Curves



Zeit/Strom-Kennlinien  
Time-Current Curves

