

FEATURES

- Various current/voltage ratings, breaking capacities, I_{2t} values, time-current curves and safety certifications
- Reinforced ceramic or fiberglass tubes with plated copper contact caps are filled with high-purity silica sand
- Cost-efficient and reliable overcurrent protection
- Excellent resistance to thermal and mechanic shock
- High reliability and stability
- RoHS/ UL248/ REACH/ IEC60127 / GB9364

RS PRO, 5x20mm, Ceramic Cartridge Fuse, Speed F

RS Stock No.: 2408281, 2408283, 2408284,
2408285



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

5x20mm, Quick Acting Ceramic Cartridge Fuse, 100mA-16A, 250V

General Specifications

Fuse Size	5x20mm
Voltage Rating	250V AC
Fuse Speed	F
Body Material	Ceramic
Interrupting Ratings	1500 amperes at 250V AC
Operating Temperature	-55°C to +125°C
Series	UBM
Country of Origin	TW

Electrical Characteristics

Rated Current	Opening Time									
	150% Rating		210% Rating		275% Rating		400% Rating		1000% Rating	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
100mA~4A	60 min			30 min	10 ms	2 sec	3 ms	300 ms		20 ms
5A~6.3A	60 min			30 min	10 ms	3 sec	3 ms	300 ms		20 ms
8A~16A	30 min			30 min	40 ms	20 sec	10 ms	1 sec		30 ms

5x20mm Cartridge Fuse



Safety Approvals

Mark	Interrupting Rating											
Approvals												
100mA	1500A @ 250Vac	**	**	**	**	**		**	*			
500mA		**	**	**	**	**		**	*			
630mA		**	**	**	**	**		**	*			
800mA		**	**	**	**	**		**	*			
1A		*	**	**	**	**	**	**	*			
1.25A		*	**	**	**	**	**	**	*			
1.6A		*	**	**	**	**	**	**	*			
2A		*	**	**	**	**	**	**	*			
2.5A		*	**	**	**	**	**	**	*			
3.15A		*	**	**	**	**	**	**	*			
4A		*	**	**	**	**	**	**	*			
5A		*	**	**	**	**	**	**	*			
6.3A		**	**	**	**	**		**	*			
8A			**		**	**		**				
10A			**		**	**		**				
12A												**
12.5A										*	**	**
15A												**
16A										*	**	**

I²t Nominal Cold Resistance & I²t:

Ampere Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec.)
100mA	4.4363~8.2388	0.00200
500mA	0.1750~0.3250	0.20700
630mA	0.1137~0.2111	0.36512
800mA	0.0792~0.1472	0.58481
1A	0.0637~0.1183	0.91982
1.25A	0.1023~0.1901	0.80190
1.6A	0.0641~0.1191	1.34055
2A	0.0509~0.0945	1.87920
2.5A	0.0356~0.0662	4.50810
3.15A	0.0259~0.0481	7.13700
4A	0.0198~0.0368	14.54400
5A	0.0146~0.0270	23.77800
6.3A	0.0105~0.0195	38.88630
8A	0.0074~0.0138	91.53810
10A	0.0053~0.0098	189.18000
12A	0.0041~0.0075	296.36910
12.5A	0.0039~0.0072	323.43750
15A	0.0033~0.0061	412.41960
16A	0.0028~0.0052	462.27420

Dimension
