



ENGLISH

Datasheet

RS PRO Ceramic Cartridge Fuse, 4 A, Speed F, 6.3 x 32 mm

Stock Number: 247-3961



Description

A fuse is nothing more than a short length of wire designed to melt and separate in the event of excessive current. They have been used as crucial safety devices from the early days of electrical engineering. They are often abbreviated to ADS (Automatic Disconnection of Supply). In any electronics and electrical engineering, a fuse is an electrical safety device that operates to provide overcurrent protection of an electrical circuit. A typical fuse consists of a metal strip or wire fuse element and is arranged in series to carry all the current passing through the protected circuit. The fuse element is usually made of zinc, silver, aluminium, copper or alloys to provide stable and predictable characteristics.



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<p>Aufbau Keramikrohr undurchsichtig mit Löschmittelfüllung Kontaktkappen Messing vernickelt</p>	<p>Construction Ceramic tube non-transparent with filling End caps brass nickel-plated</p>				<p>Construction Tube céramique non transparent avec remplissage Capsules laiton nickelé</p>			
<p>Verpackung 100 Stück (10 x 10) oder 1000 Stück (Industrieverpackung = IP)</p>	<p>Packing 100 pcs. (10 x 10) or 1000 pcs. (industrial packs = IP)</p>				<p>Emballage 100 pcs. (10 x10) ou 1000 pcs. (emballage industriel = IP)</p>			
<p>Schmelzzeit-Grenzwerte</p>	<p>Fusing time limits</p>				<p>Temps de fusion limité</p>			
<p>Bemessungsstrom Rated current Courant nominal</p>	1,5 x I _n	2,1 x I _n	2,75 x I _n		4 x I _n		10 x I _n	
<p>160 – 800 mA 1 – 25 A</p>	min.	max.	min.	max.	min.	max.	min.	max.
<p>Sondertype Special type Type spécial</p>	<p>6,3 x 32 mm (0.25 x 1.25")</p>		<p>500 V 440 V</p>		<p>F (flink) (quick-act.) (rapide)</p>		<p>Type 189020</p>	



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Bemessungsstrom Rated current Courant nominal	Bem.-Ausschaltverm. Breaking capacity Pouvoir de coupure	Spannungsfall Voltage drop Chute de tension	Verlustleistung Power dissipation Valeur de dissipation (bei/at/en 1,5 x In)	Schmelzintegral Its value Intégral de fusion	Approbationen Approvals Homologations
mA/A		mV	W	A ² s	UL Recognition
160 mA		7000	2,5	0,0015	X
200		6500	2,9	0,0035	X
250		6000	3,4	0,0085	X
315	1,5 kA	1000	0,9	0,036	X
400	@ 500 V AC	900	1,0	0,07	X
500	cos φ = 1	800	1,1	0,19	X
630		700	1,3	0,35	X
800		600	1,4	0,49	X
1 A		400	1,2	0,4	X
1,25	50 kA	300	1,3	0,8	X
1,6	@ 500 V AC	300	1,4	1,5	X
	cos φ = 0,3				
2		280	1,6	2,5	X
2,5		260	1,8	5	X
3,15		240	2,3	9	X
4	20 kA	220	2,6	18	X
5	@ 500 V DC	190	2,9	40	X
6,3		170	3,2	80	X
8	1,5 kA	160	3,7	150	
10	@ 500 V AC	150	4,0	240	
12,5	cos φ = 1	140	5,5	500	
16		130	6,5	920	
20	1,5 kA	120	8,4	1500	
25	@ 440 V AC	110	11	3100	
	cos φ = 1				



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Current Time Characteristics

