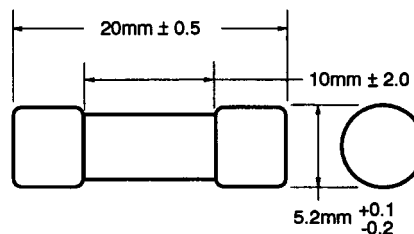


5 x 20mm IEC Minature Fuse Links

S504



Dimensional Data



CATALOG SYMBOL: S504
 5 x 20mm IEC MINIATURE FUSE LINKS
 TIME-DELAY
 LOW BREAKING CAPACITY
 250 VOLTS AC or less
 U.L. RECOGNIZED, GUIDE JDYX2, File E75865)
 DESIGNED TO IEC (PUB127) SHEET III
 CONSTRUCTION
 Glass tube with nickel-plated brass endcaps

Limits for Pre-arcing Time

In	1.5 in.		2.1 in.		2.75 in.		4 in.		10 in.	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
32mA - 100mA	60 min.	2 min.	250 ms.	10 s.	40 ms.	3 s.	10 ms.	300 ms.		
125mA - 6.13A	60 min.	2 min.	60ms.	10 s.	150 ms.	3 s.	20 ms.	300 ms.		

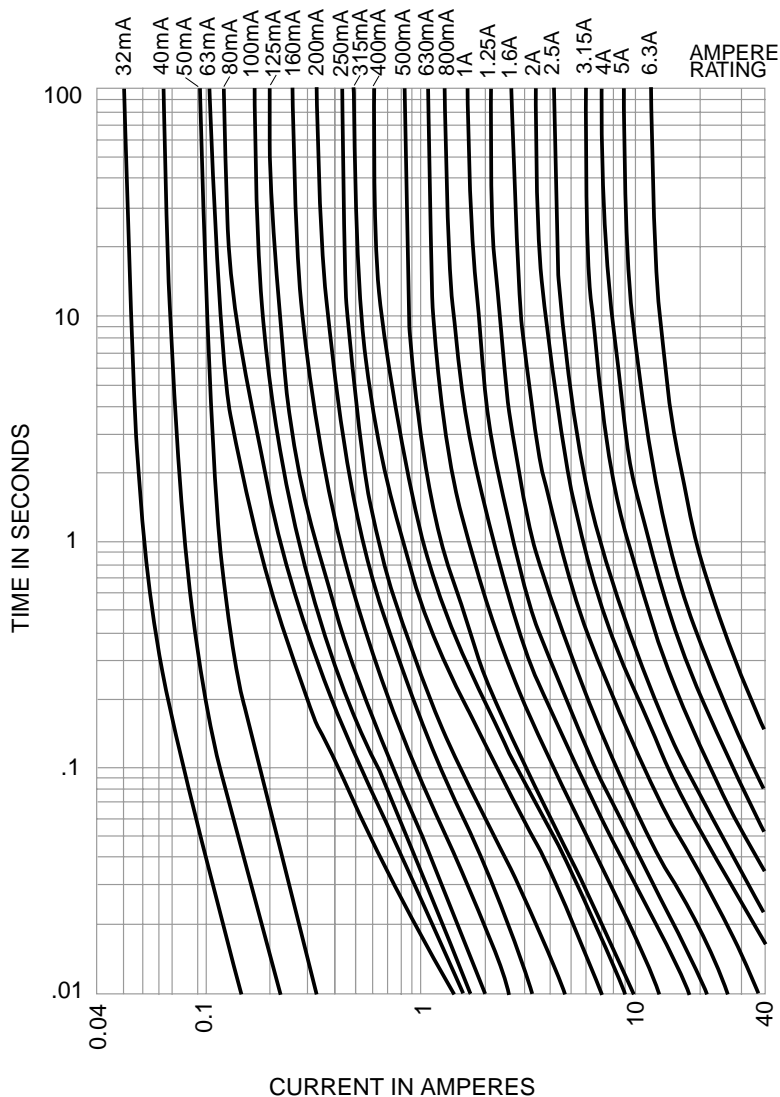
- Packaging: 100.
- Weight: 1000 = 0.785kg.
- Available only in bulk packaging
 Example: BK/S504-1A.

Rated Current	Rated Voltage (AC)	Breaking Capacity	Voltage Drop	Power Dissipation	Pre-arcing Value	BSI	VDE	SEMKO	IMQ	UR
32mA	250	35A at 250V, 50Hz cos φ = 0.7 - 0.8	1050	0.14	0.0014	•	•	•	•	•
40mA			920	0.16	0.0034	•	•	•	•	•
50mA			800	0.16	0.006	•	•	•	•	•
63mA			760	0.16	0.012	•	•	•	•	•
80mA			580	0.17	0.015	•	•	•	•	•
100mA			490	0.17	0.022	•	•	•	•	•
125mA			390	0.18	0.034	•	•	•	•	•
160mA			320	0.20	0.052	•	•	•	•	•
200mA			340	0.32	0.078	•	•	•	•	•
250mA			270	0.32	0.17	•	•	•	•	•
315mA			250	0.32	0.41	•	•	•	•	•
400mA			210	0.32	0.61	•	•	•	•	•
500mA			190	0.35	0.99	•	•	•	•	•
630mA			170	0.35	1.7	•	•	•	•	•
800mA			160	0.5	3.4	•	•	•	•	•
1A			140	0.5	4.3	•	•	•	•	•
1.25A			120	0.5	6.7	•	•	•	•	•
1.6A			110	0.6	14	•	•	•	•	•
2A			100	0.7	23	•	•	•	•	•
2.5A			100	0.8	36	•	•	•	•	•
3.15A	90	0.9	64	•	•	•	•	•		
4A	10 x in.	90	1.0	79	•	•	•	•		
5A	250V AC, 50Hz	90	1.4	158	•	•	•	•		
6.3A	cos φ = 1.0	90	1.6	240	•	•	•	•		

5 x 20mm IEC Minature Fuse Links

S504

Time-Current Characteristics--Total Clear



The only controlled copy of this BIF document is the electronic read-only version located on the Bussmann Network Drive. All other copies of this BIF document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.