

Miniature Fuses Size 5x20 SA/SB

125V-250V - Semiconductor Protection Fuses

MINIATURE FUSES

5X20MM SEMICONDUCTOR PROTECTION FUSES



Mersen’s Miniature Fuses 5x20 SA/SB 125V-250V provide reliable protection for sensitive electronic components. Their medium time-lag (SA/SB) design safeguards semiconductor devices and control apparatus from overcurrent while handling short-term surges. Compact and versatile, these 125V-250V fuses ensure reliable performance across various applications. Built with high-quality materials, they offer long-lasting operation and protect against inrush currents, enhancing system durability. This range is also available with axial leads.

TECHNICAL DATA OVERVIEW

Voltage	125V-250V
Ampere range	0,04A - 16A
Speed/Characteristic	SA, SB
Size per Standard	5x20
Package	50
Weight	1.2 g

FEATURES & BENEFITS

- 5x20
- Medium time lag
- 125V-250V
- Packaging: box of 50pcs

APPLICATIONS

- Protection of circuits and equipment with inrush or transient current conditions



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PRODUCT RANGE

Size 5x20 SB 250V

Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity
MI5SB25V0.04	C080479	250 V	0.04 A	0.00013 A ² s	0.0004 A ² s	4 kA
MI5SB25V0.05	R080469	250 V	0.05 A	0.00029 A ² s	0.00082 A ² s	4 kA
MI5SB25V0.063	F080482	250 V	0.063 A	0.00057 A ² s	0.0016 A ² s	10 kA
MI5SB25V0.08	B080478	250 V	0.08 A	0.00131 A ² s	0.0037 A ² s	10 kA

Size 5x20 SA 250V

Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity
MI5SA25V0.1	M084122	250 V	0.1 A	0.00077 A ² s	0.0021 A ² s	10 kA
MI5SA25V0.125	L084121	250 V	0.125 A	0.002 A ² s	0.006 A ² s	10 kA
MI5SA25V0.16	P084101	250 V	0.16 A	0.0046 A ² s	0.013 A ² s	10 kA
MI5SA25V0.2	G084117	250 V	0.2 A	0.009 A ² s	0.025 A ² s	10 kA
MI5SA25V0.25	Q084102	250 V	0.25 A	0.016 A ² s	0.045 A ² s	10 kA
MI5SA25V0.315	H084118	250 V	0.315 A	0.03 A ² s	0.085 A ² s	10 kA
MI5SA25V0.4	J084119	250 V	0.4 A	0.05 A ² s	0.15 A ² s	10 kA
MI5SA25V0.5	R084103	250 V	0.5 A	0.12 A ² s	0.35 A ² s	10 kA
MI5SA25V0.63	F084116	250 V	0.63 A	0.11 A ² s	0.25 A ² s	10 kA
MI5SA25V0.8	K084120	250 V	0.8 A	0.17 A ² s	0.38 A ² s	10 kA
MI5SA25V1	S084104	250 V	1 A	0.26 A ² s	0.65 A ² s	10 kA
MI5SA25V1.25	T087164	250 V	1.25 A	0.55 A ² s	1.2 A ² s	10 kA
MI5SA25V1.6	D087173	250 V	1.6 A	1.44 A ² s	3.2 A ² s	10 kA
MI5SA25V2	M087020	250 V	2 A	2.46 A ² s	5.5 A ² s	10 kA
MI5SA25V2.5	N087021	250 V	2.5 A	4.6 A ² s	10 A ² s	10 kA
MI5SA25V3.15	P087022	250 V	3.15 A	11 A ² s	25 A ² s	10 kA
MI5SA25V4	Q087023	250 V	4 A	23 A ² s	50 A ² s	10 kA
MI5SA25V5	R087024	250 V	5 A	41 A ² s	90 A ² s	10 kA
MI5SA25V6.3	S087025	250 V	6.3 A	15.7 A ² s	50 A ² s	10 kA
MI5SA25V8	T087026	250 V	8 A	27.5 A ² s	85 A ² s	10 kA
MI5SA25V10	V087027	250 V	10 A	53 A ² s	160 A ² s	10 kA
MI5SA25V12.5	W087028	250 V	12.5 A	63 A ² s	200 A ² s	10 kA

Size 5x20 SA 125V

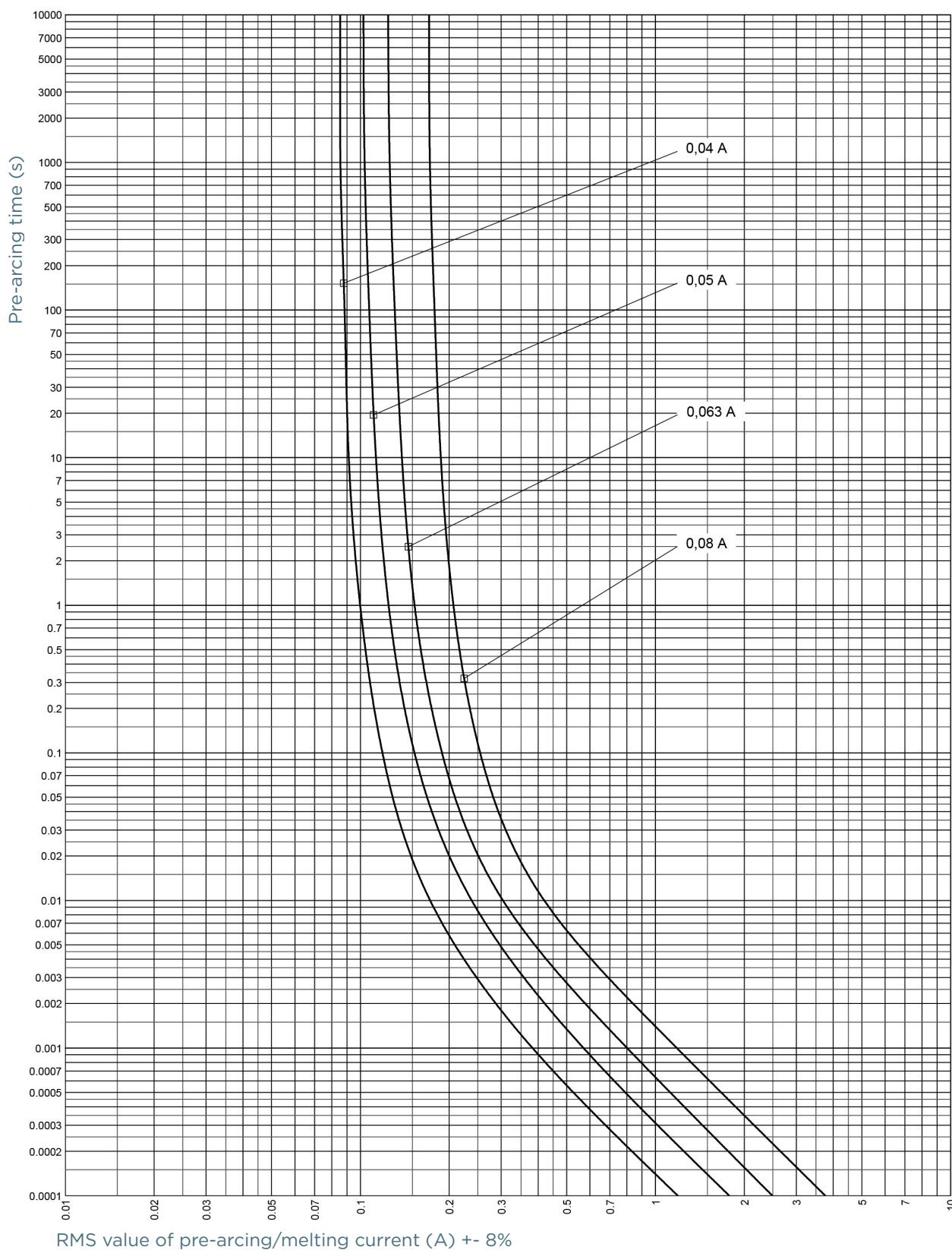
Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity
MI5SA12.5V16	W086338	125 V	16 A	163 A ² s	350 A ² s	10 kA

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TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 SB 250V 0.04A-0.08A

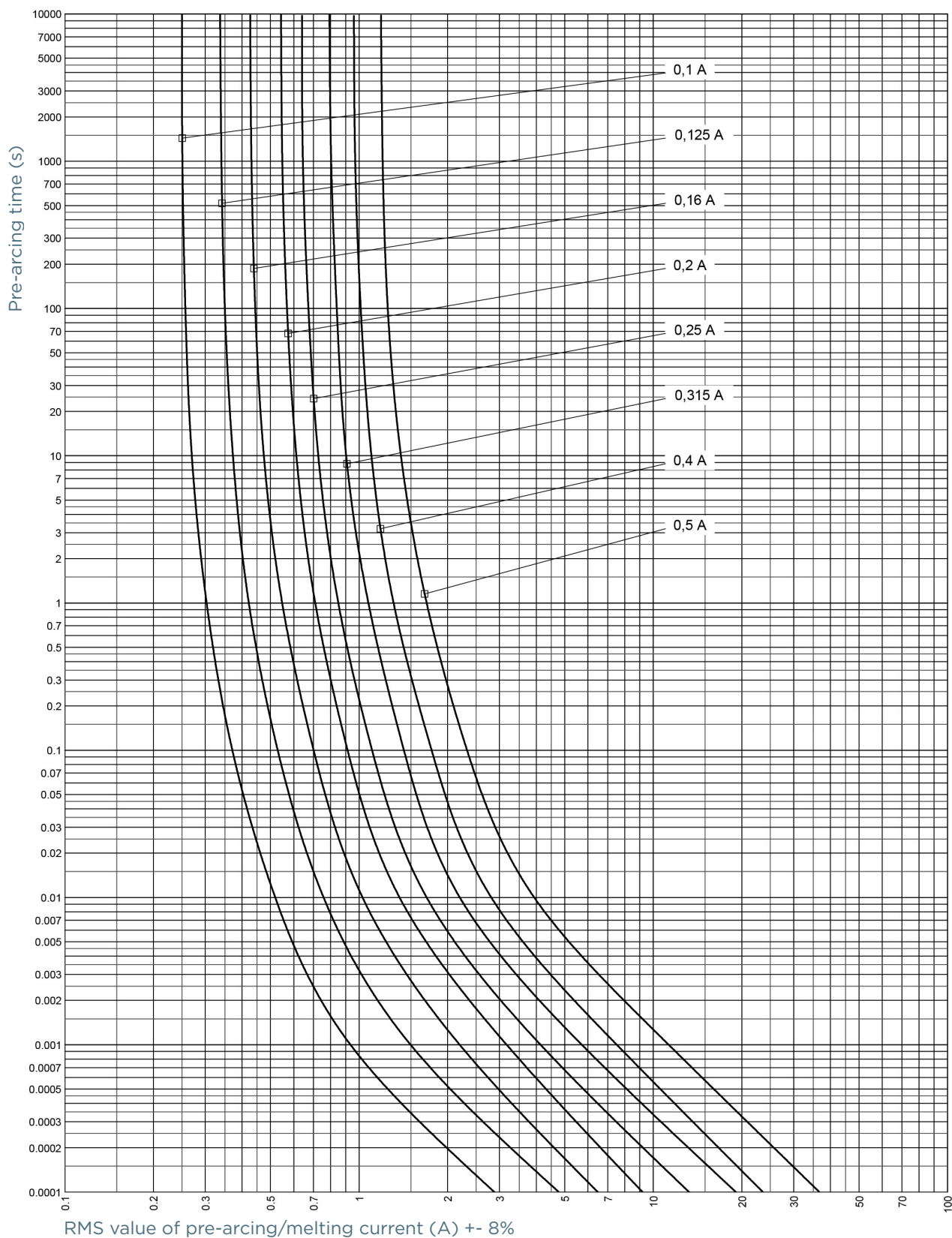


Miniature Fuses Size 5x20 SA/SB

125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 SA 250V 0.1A-0.5A

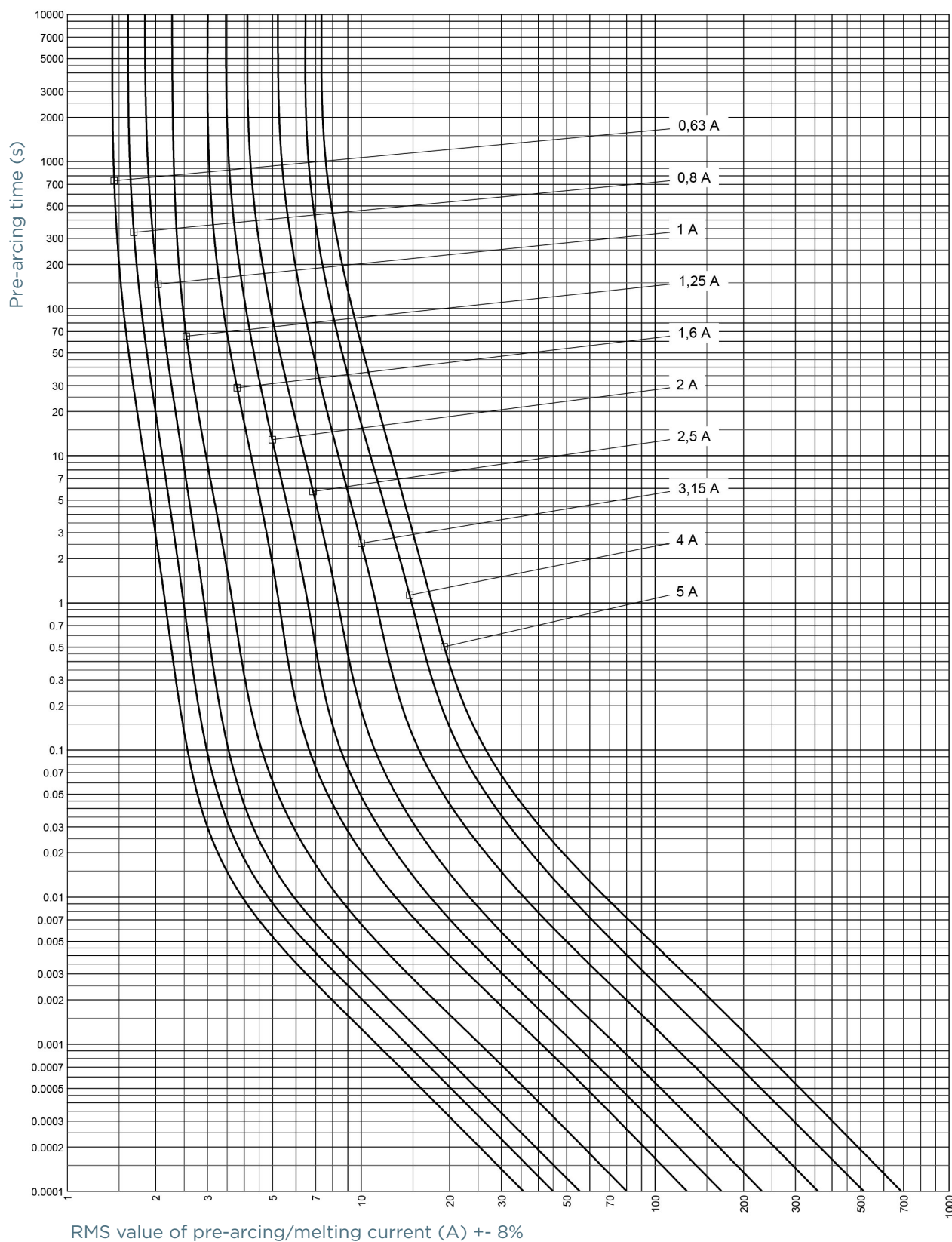


Miniature Fuses Size 5x20 SA/SB

125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 SA 250V 0.63A-5A

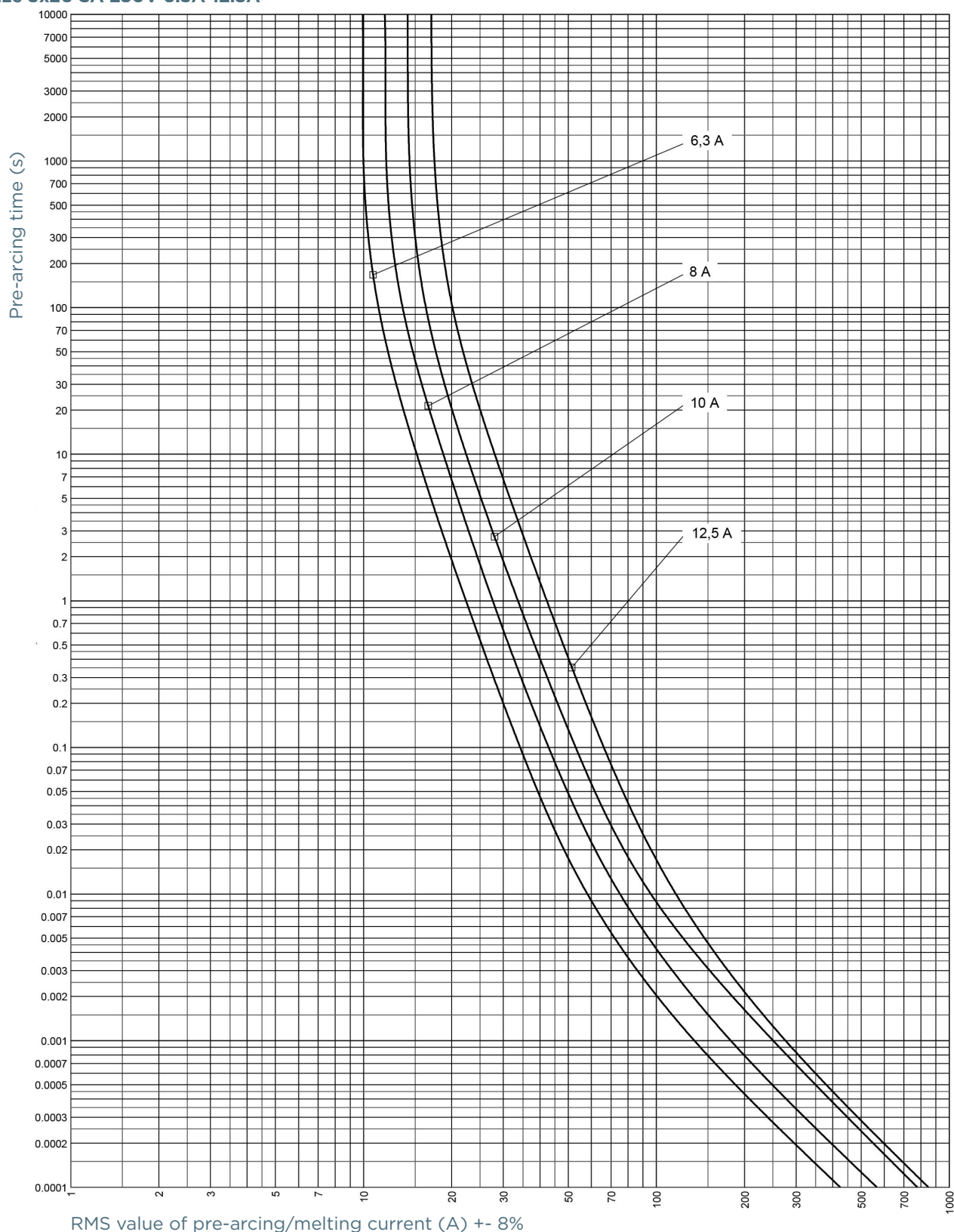


Miniature Fuses Size 5x20 SA/SB

125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 SA 250V 6.3A-12.5A

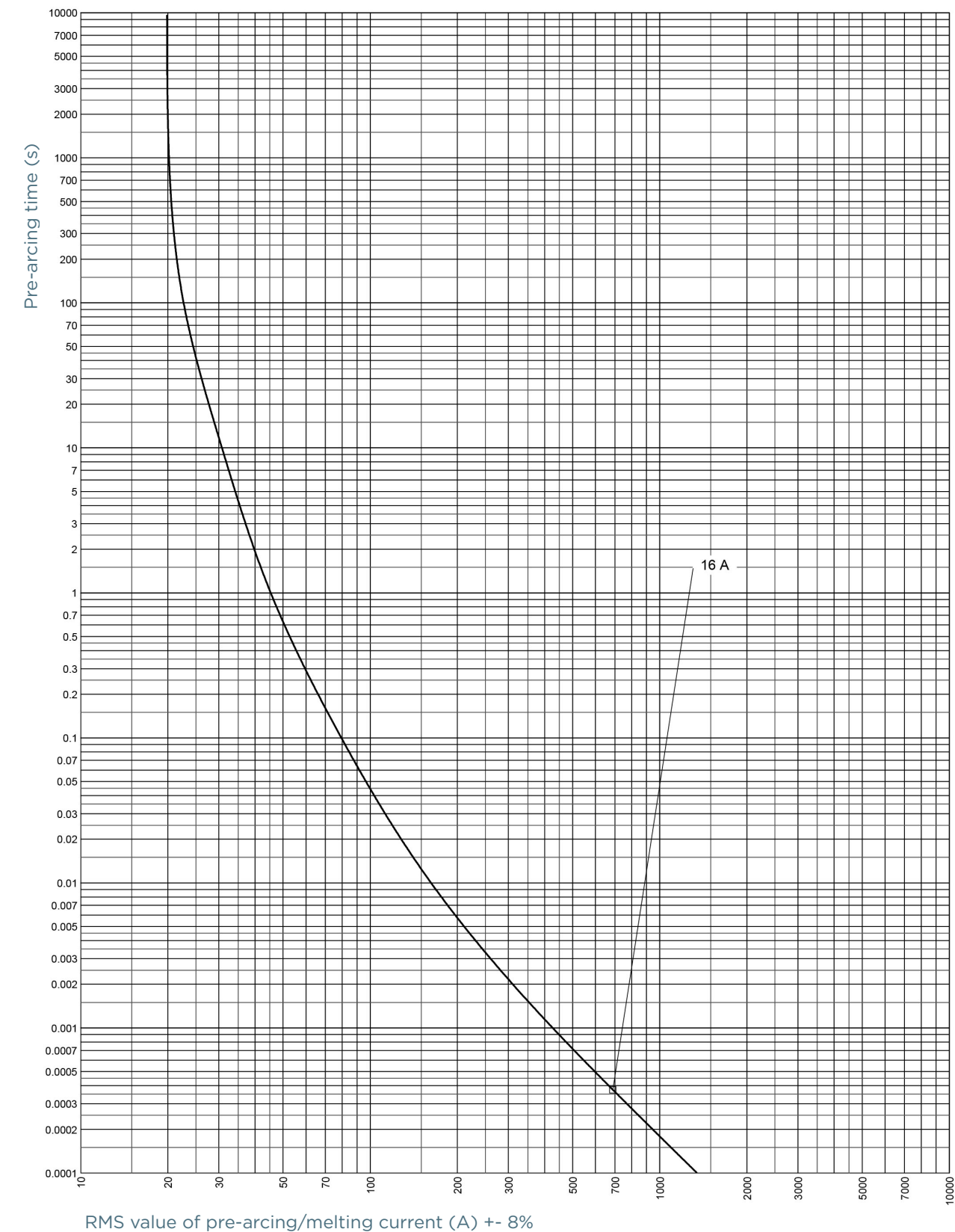


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125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 SA 125V 16A

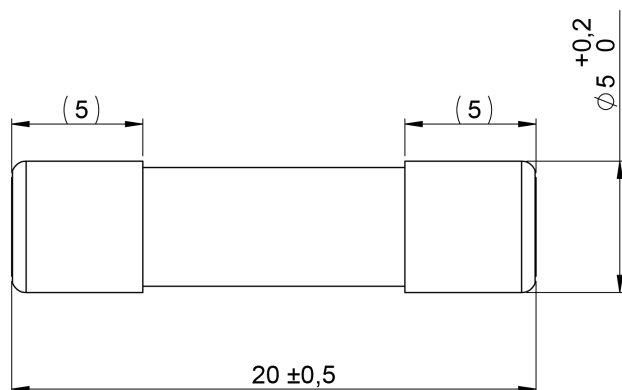


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DIMENSIONS

Fuses Size 5x20 SA/SB 125V-250V



Dimensions in mm