

Miniature Fuses Size 5x20 FA/FB

125V-250V - Semiconductor Protection Fuses

MINIATURE FUSES

5X20MM SEMICONDUCTOR PROTECTION FUSES



Mersen's Miniature Fuses 5x20 FA/FB 125V-250V provide fast protection for sensitive electronic components.

Their very fast-acting (FA/FB) design safeguards semiconductor devices and measuring/control apparatus from overcurrent and short circuits.

Compact and versatile, these 125V-250V fuses ensure reliable performance across various applications.

Built with high-quality materials, they offer a very high breaking capacity to prevent damage, enhancing system longevity and reliability.

This range is also available with axial leads.

TECHNICAL DATA OVERVIEW

Voltage	125-250V
Ampere range	0,04A-20A
Speed/Characteristic	FA/FB
Size per Standard	5x20
Package	50
Weight	1,2 g

FEATURES & BENEFITS

- 5x20
- Very fast acting
- 125V-250V
- Packaging: box of 50pcs

APPLICATIONS

- Protection of converters with semi-conductors, diodes, thyristors, triacs

STANDARDS

- UL/CSA Recognized - UL/CSA 248-14: see "UL/CSA Recognized" status given in product range table



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PRODUCT RANGE

Size 5x20 FB 250V

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity	UL/CSA Recognized
MI5FB25V0.04	K084051	250 V	0.04 A	0.00013 A ² s	0.0004 A ² s	4 kA	✓
MI5FB25V0.05	Q080468	250 V	0.05 A	0.0002 A ² s	0.0006 A ² s	4 kA	✓
MI5FB25V0.063	N084054	250 V	0.063 A	0.00041 A ² s	0.0012 A ² s	4 kA	✓
MI5FB25V0.08	P080467	250 V	0.08 A	0.00077 A ² s	0.0022 A ² s	4 kA	✓
MI5FB25V0.1	L084052	250 V	0.1 A	0.00131 A ² s	0.0037 A ² s	4 kA	✓

Size 5x20 FA 250V

Catalog number	Item number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity	UL/CSA Recognized
MI5FA25V0.125	L084029	250 V	0.125 A	0.00077 A ² s	0.0021 A ² s	10 kA	✓
MI5FA25V0.16	F084001	250 V	0.16 A	0.002 A ² s	0.006 A ² s	10 kA	✓
MI5FA25V0.2	Y084017	250 V	0.2 A	0.0046 A ² s	0.013 A ² s	10 kA	✓
MI5FA25V0.25	G084002	250 V	0.25 A	0.009 A ² s	0.025 A ² s	10 kA	✓
MI5FA25V0.315	Z084018	250 V	0.315 A	0.016 A ² s	0.045 A ² s	10 kA	✓
MI5FA25V0.4	A084019	250 V	0.4 A	0.03 A ² s	0.085 A ² s	10 kA	✓
MI5FA25V0.5	H084003	250 V	0.5 A	0.05 A ² s	0.15 A ² s	10 kA	✓
MI5FA25V0.63	X084016	250 V	0.63 A	0.12 A ² s	0.35 A ² s	10 kA	✓
MI5FA25V0.8	C084021	250 V	0.8 A	0.25 A ² s	0.72 A ² s	10 kA	✓
MI5FA25V1	J084004	250 V	1 A	0.11 A ² s	0.25 A ² s	10 kA	✓
MI5FA25V1.25	K084005	250 V	1.25 A	0.26 A ² s	0.65 A ² s	10 kA	✓
MI5FA25V1.6	L084006	250 V	1.6 A	0.39 A ² s	0.9 A ² s	10 kA	✓
MI5FA25V2	M084007	250 V	2 A	0.81 A ² s	1.9 A ² s	10 kA	✓
MI5FA25V2.5	N084008	250 V	2.5 A	1.44 A ² s	3.2 A ² s	10 kA	✓
MI5FA25V3.15	P084009	250 V	3.15 A	2.46 A ² s	5.5 A ² s	10 kA	✓
MI5FA25V4	Q084010	250 V	4 A	4.6 A ² s	10 A ² s	10 kA	✓
MI5FA25V5	R084011	250 V	5 A	11 A ² s	25 A ² s	10 kA	✓
MI5FA25V6.3	S084012	250 V	6.3 A	23 A ² s	50 A ² s	10 kA	✓
MI5FA25V8	T084013	250 V	8 A	2.5 A ² s	40 A ² s	10 kA	✓
MI5FA25V10	V084014	250 V	10 A	4.5 A ² s	70 A ² s	10 kA	✓
MI5FA25V12.5	W084015	250 V	12.5 A	8.1 A ² s	120 A ² s	10 kA	✓

Size 5x20 FA 125V

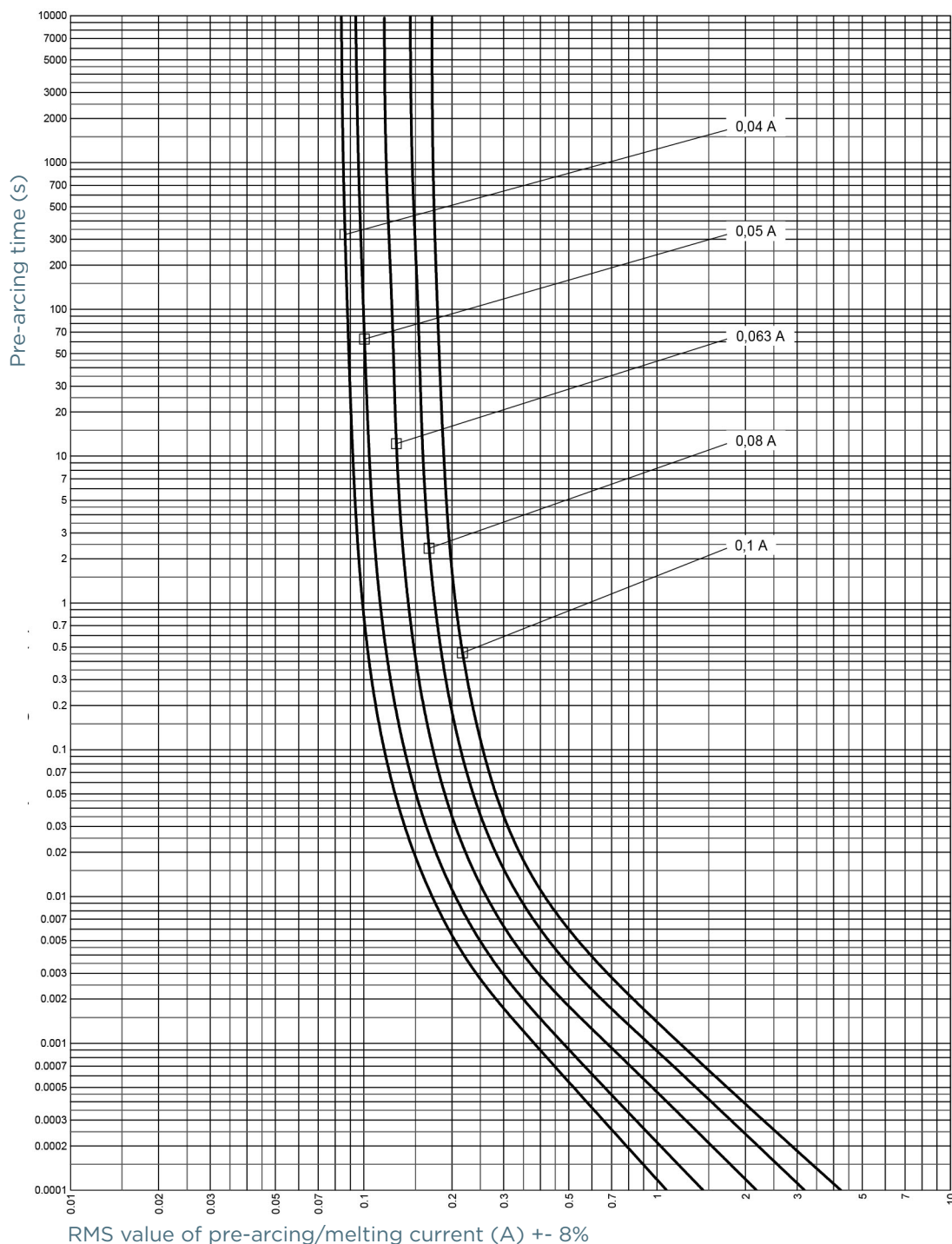
Catalog number	Item number	Rated voltage AC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity	UL/CSA Recognized
MI5FA12.5V16	R084034	250 V	16 A	25 A ² s	160 A ² s	10 kA	✓
MI5FA12.5V20	D084022	250 V	20 A	51 A ² s	330 A ² s	10 kA	✓

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TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 FB 250V 0.04A-0.1A

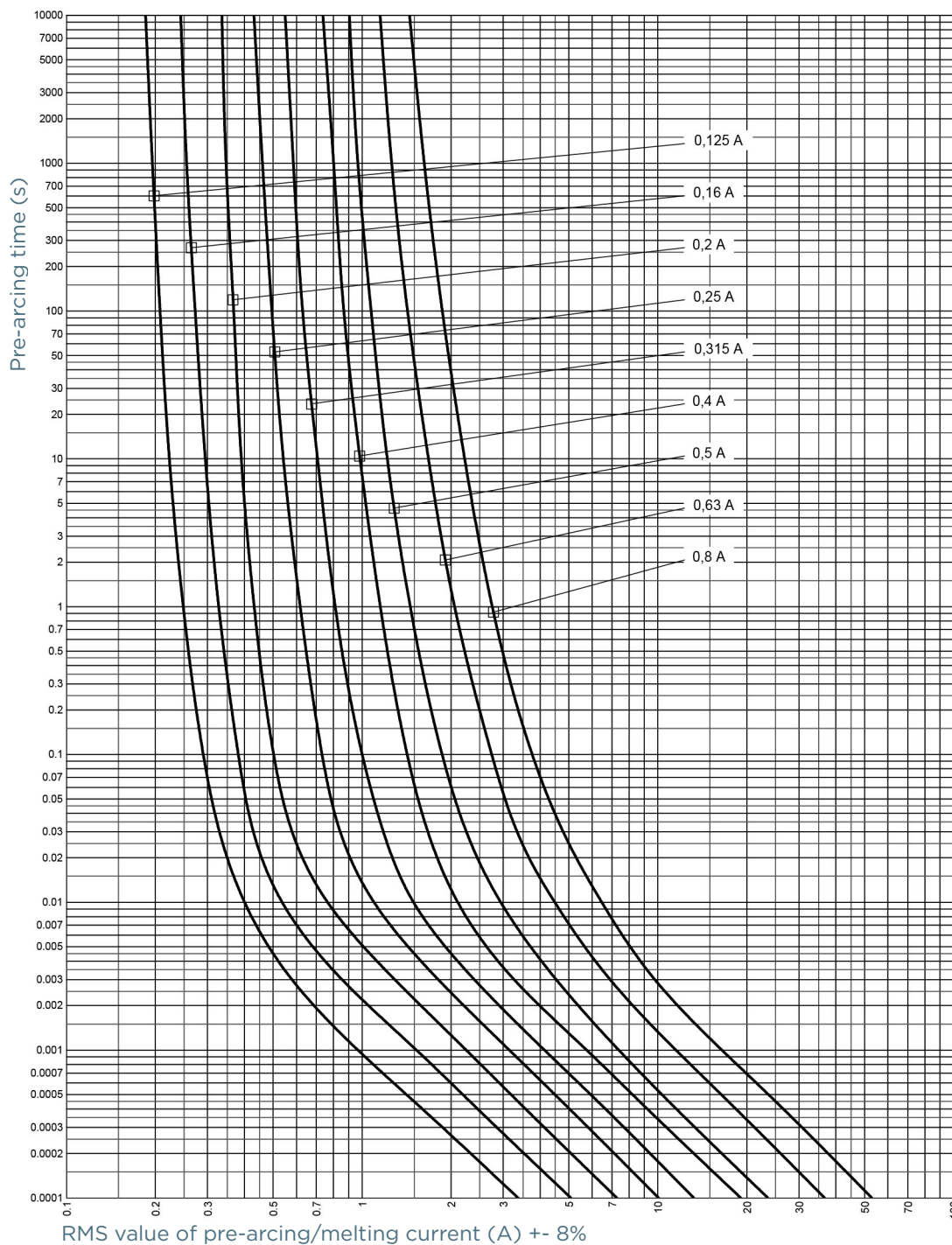


Miniature Fuses Size 5x20 FA/FB

125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 FA 250V 0.125A-0.8A

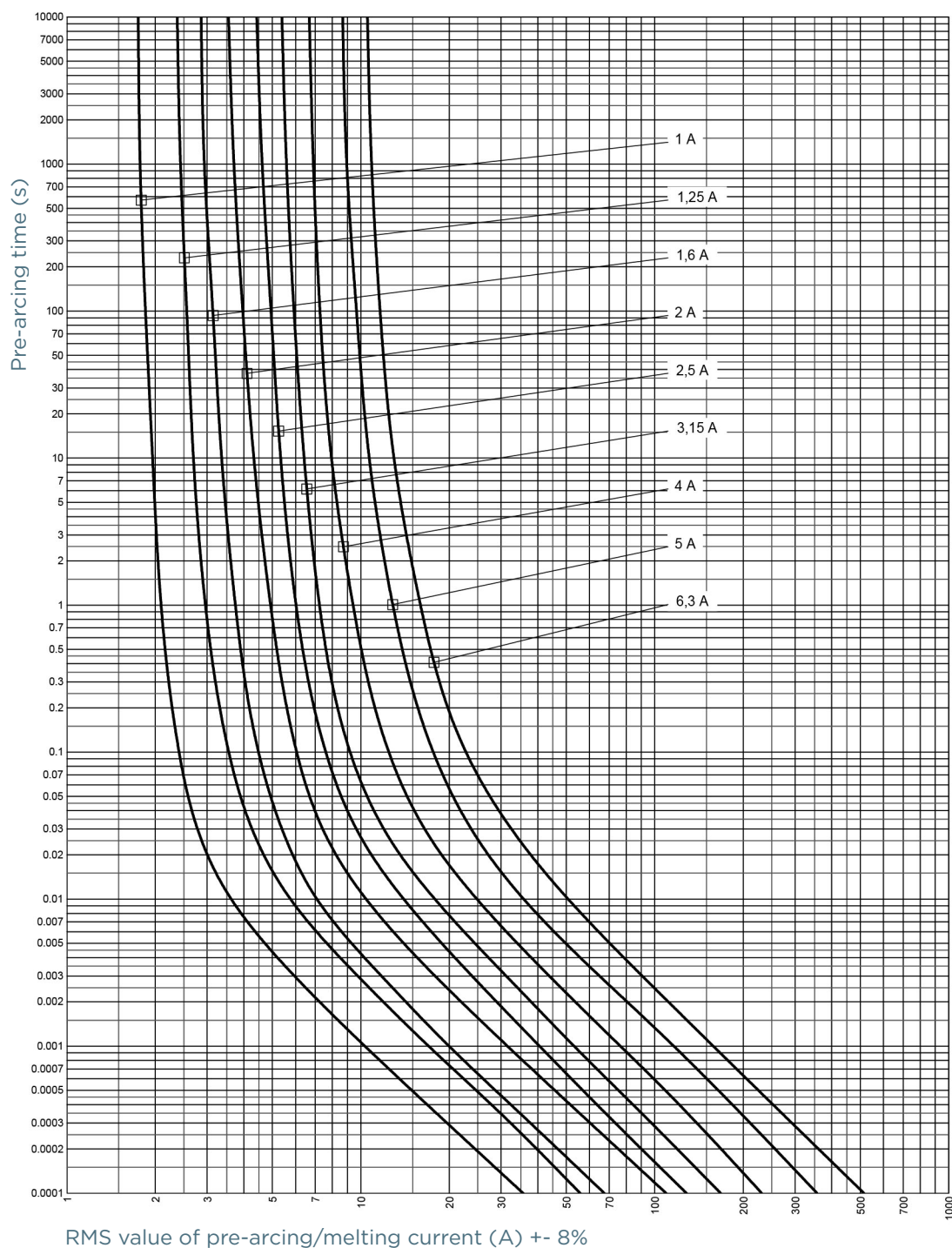


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125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 FA 250V 1A-6.3A

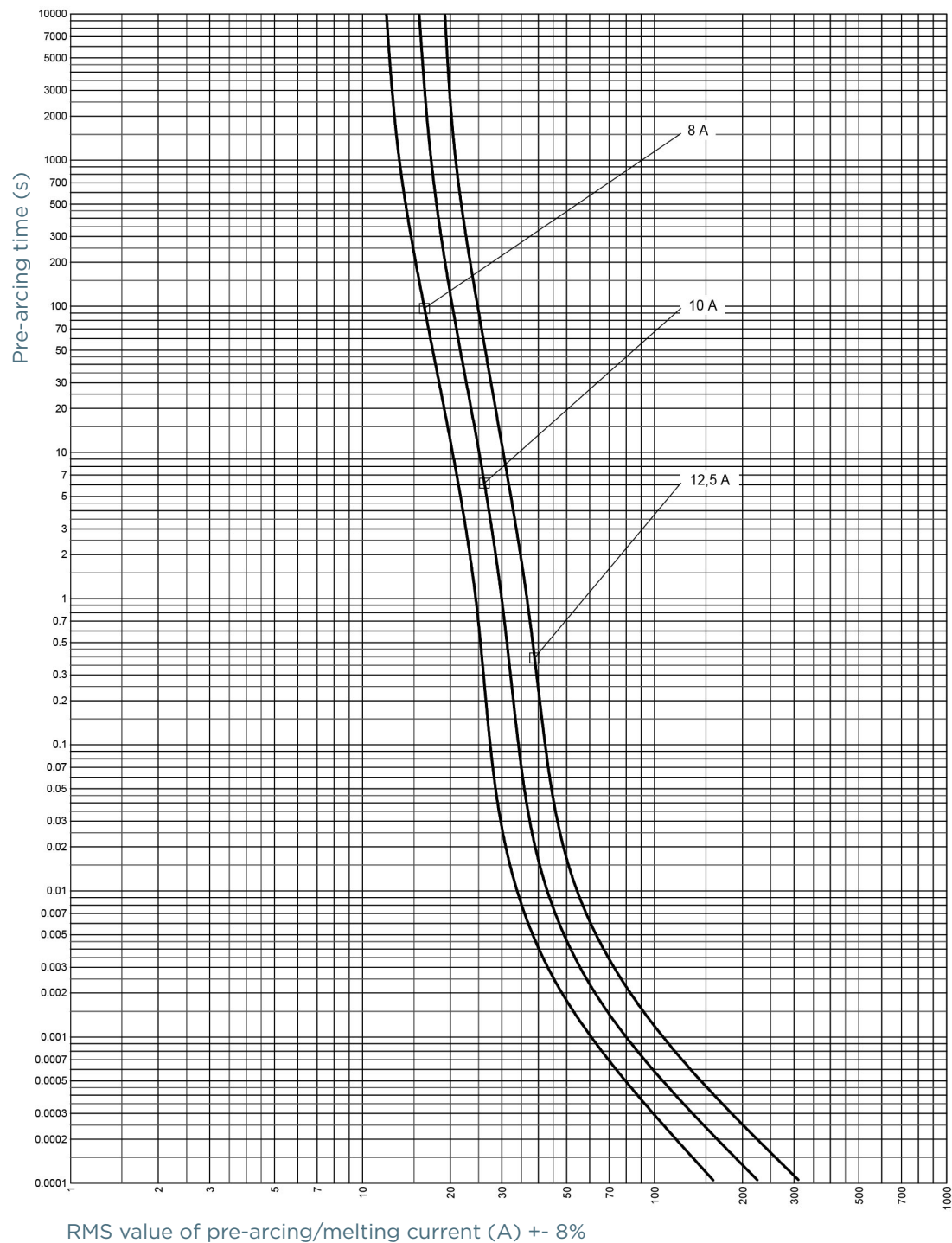


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125V-250V - Semiconductor Protection Fuses

TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 FA 250V 8A-12.5A

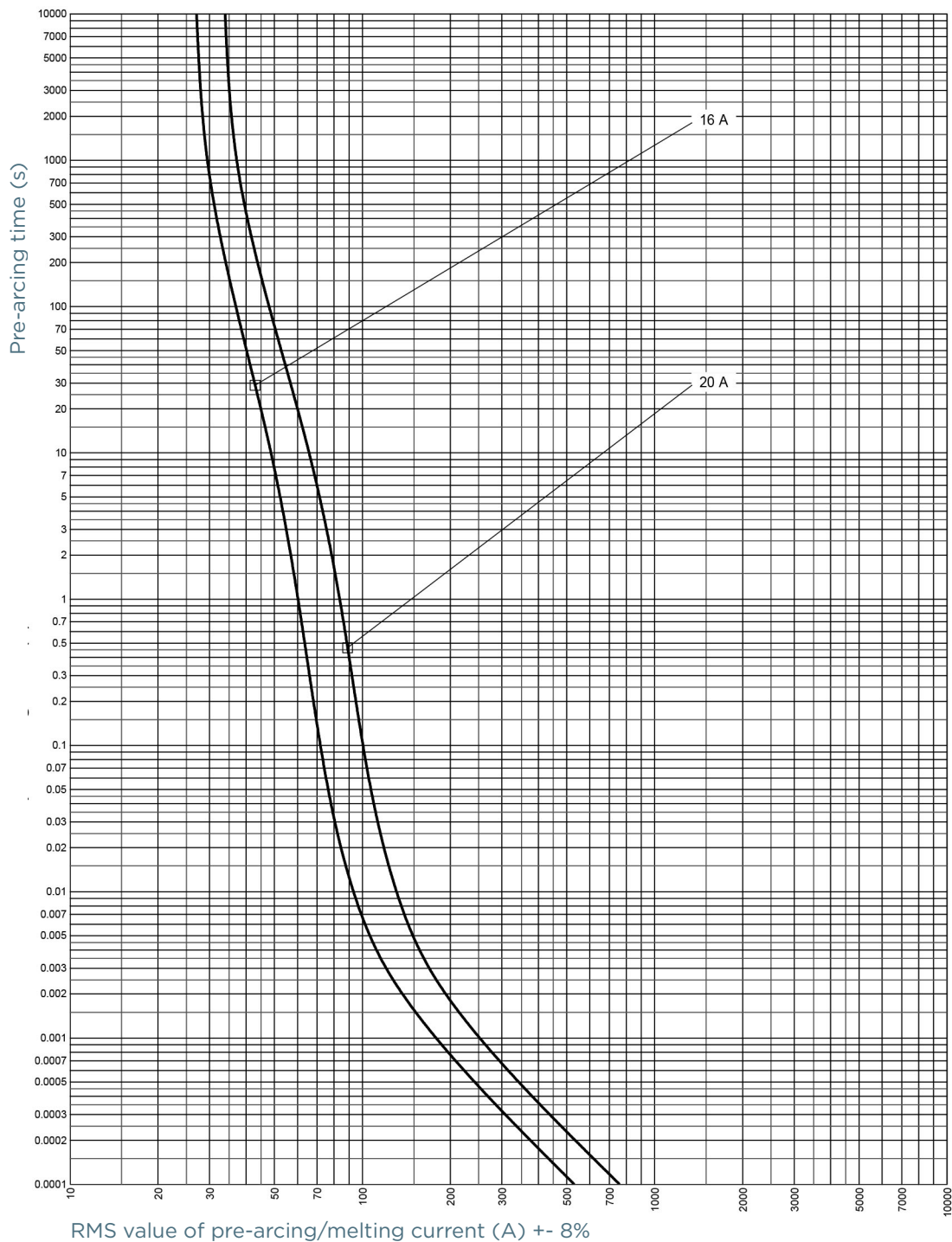


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TIME CURRENT CHARACTERISTIC CURVES

Size 5x20 FA 125V 16A-20A

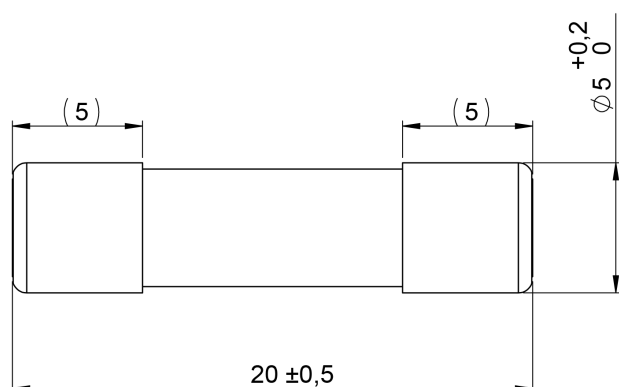


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DIMENSIONS

Fuses Size 5x20 FA/FB 125V-250V



Dimensions in mm