

# Miniature Fuses Size 6x32 FA

500V - Semiconductor Protection Fuses

## MINIATURE FUSES

### 6X32MM SEMICONDUCTOR PROTECTION FUSES



Mersen's Miniature Fuses 6x32 FA 500V provide fast protection for sensitive electronic components.

Their very fast-acting (FA) design safeguards semiconductor devices from overcurrent and short circuits.

Compact and versatile, these 500V 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	500V
Ampere range	0,1A-16A
Speed/Characteristic	FA
Size per Standard	6x32
Package	50 pcs
Weight	2.5 g

## FEATURES & BENEFITS

- 6x32
- Very fast acting
- 500V
- Packaging: box of 50pcs

## APPLICATIONS

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

## STANDARDS

- UL/CSA Recognized E76491: see "UL/CSA Recognized" status given in product range table



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## PRODUCT RANGE

### Size 6x32 FA 500V

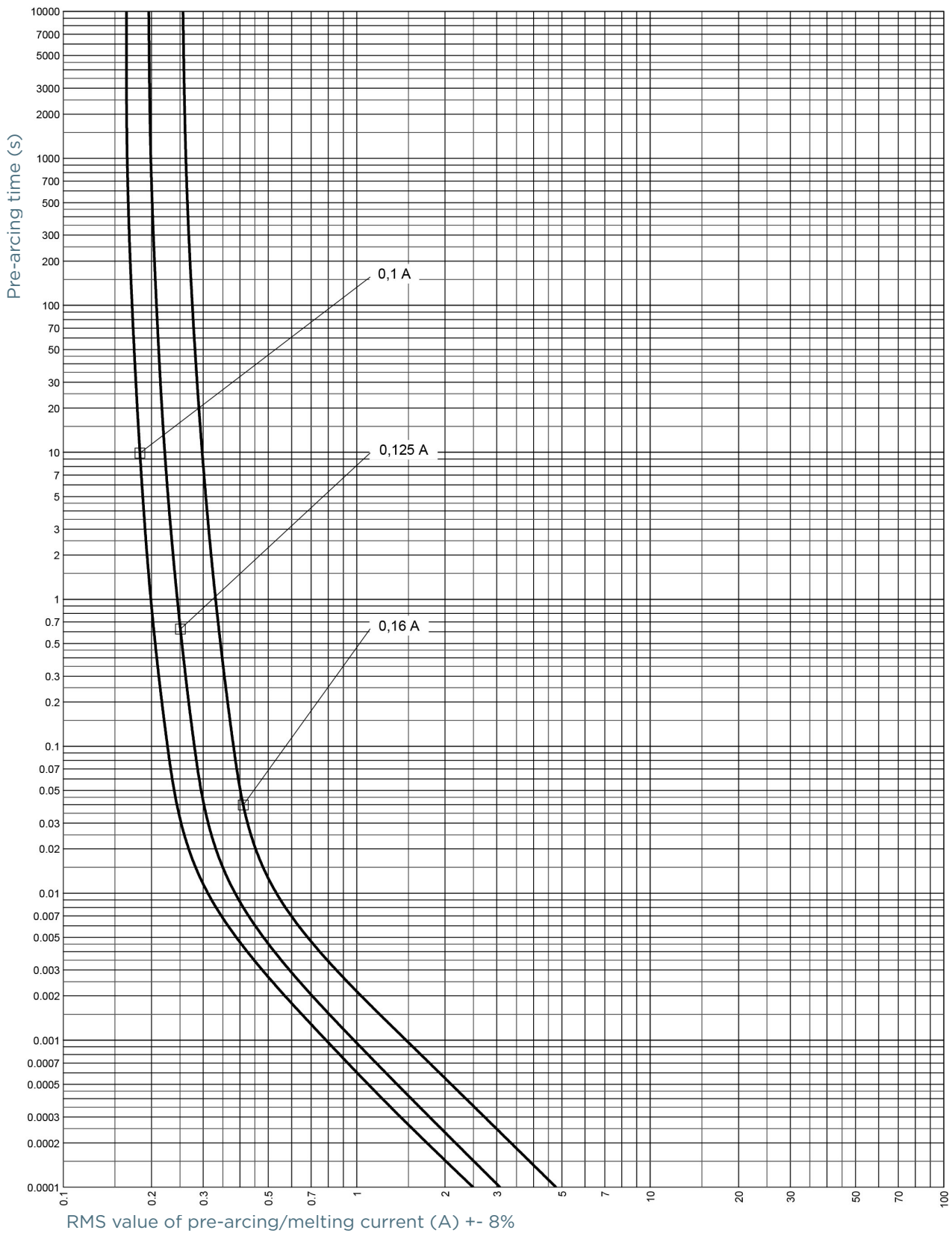
Catalog number	Item number	Rated voltage AC	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at AC Rated Voltage	Rated breaking capacity AC	UL/CSA recognized
MI6FA50V0.1	L080464	500 V	0.1 A	0.00057 A <sup>2</sup> s	0.002 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.125	M084214	500 V	0.125 A	0.00077 A <sup>2</sup> s	0.003 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.16	Y084201	500 V	0.16 A	0.002 A <sup>2</sup> s	0.008 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.2	N084215	500 V	0.2 A	0.0046 A <sup>2</sup> s	0.017 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.25	Z084202	500 V	0.25 A	0.009 A <sup>2</sup> s	0.035 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.315	A084203	500 V	0.315 A	0.016 A <sup>2</sup> s	0.06 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.4	P084216	500 V	0.4 A	0.03 A <sup>2</sup> s	0.11 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.5	B084204	500 V	0.5 A	0.05 A <sup>2</sup> s	0.2 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.63	C084205	500 V	0.63 A	0.12 A <sup>2</sup> s	0.45 A <sup>2</sup> s	200 kA	✓
MI6FA50V0.8	L084213	500 V	0.8 A	0.25 A <sup>2</sup> s	0.92 A <sup>2</sup> s	200 kA	✓
MI6FA50V1	D084206	500 V	1 A	0.11 A <sup>2</sup> s	0.3 A <sup>2</sup> s	200 kA	✓
MI6FA50V1.25	E084207	500 V	1.25 A	0.26 A <sup>2</sup> s	0.75 A <sup>2</sup> s	200 kA	✓
MI6FA50V1.6	F084208	500 V	1.6 A	0.39 A <sup>2</sup> s	1.1 A <sup>2</sup> s	200 kA	✓
MI6FA50V2	G084209	500 V	2 A	0.81 A <sup>2</sup> s	2.2 A <sup>2</sup> s	200 kA	✓
MI6FA50V2.5	H084210	500 V	2.5 A	1.44 A <sup>2</sup> s	4 A <sup>2</sup> s	200 kA	✓
MI6FA50V3.15	X085442	500 V	3.15 A	2.46 A <sup>2</sup> s	7 A <sup>2</sup> s	200 kA	✓
MI6FA50V4	Y085443	500 V	4 A	4.6 A <sup>2</sup> s	14 A <sup>2</sup> s	200 kA	✓
MI6FA50V5	Z085444	500 V	5 A	11 A <sup>2</sup> s	30 A <sup>2</sup> s	20 kA	✓
MI6FA50V6.3	A085445	500 V	6.3 A	1.1 A <sup>2</sup> s	20 A <sup>2</sup> s	20 kA	✓
MI6FA50V8	B085446	500 V	8 A	2 A <sup>2</sup> s	35 A <sup>2</sup> s	20 kA	✓
MI6FA50V10	C085447	500 V	10 A	3.1 A <sup>2</sup> s	50 A <sup>2</sup> s	20 kA	✓
MI6FA50V12.5	D085448	500 V	12.5 A	4.5 A <sup>2</sup> s	75 A <sup>2</sup> s	20 kA	✓
MI6FA50V16	E085449	500 V	16 A	5.3 A <sup>2</sup> s	85 A <sup>2</sup> s	20 kA	✓

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## TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 500V 0,1A-0,16A

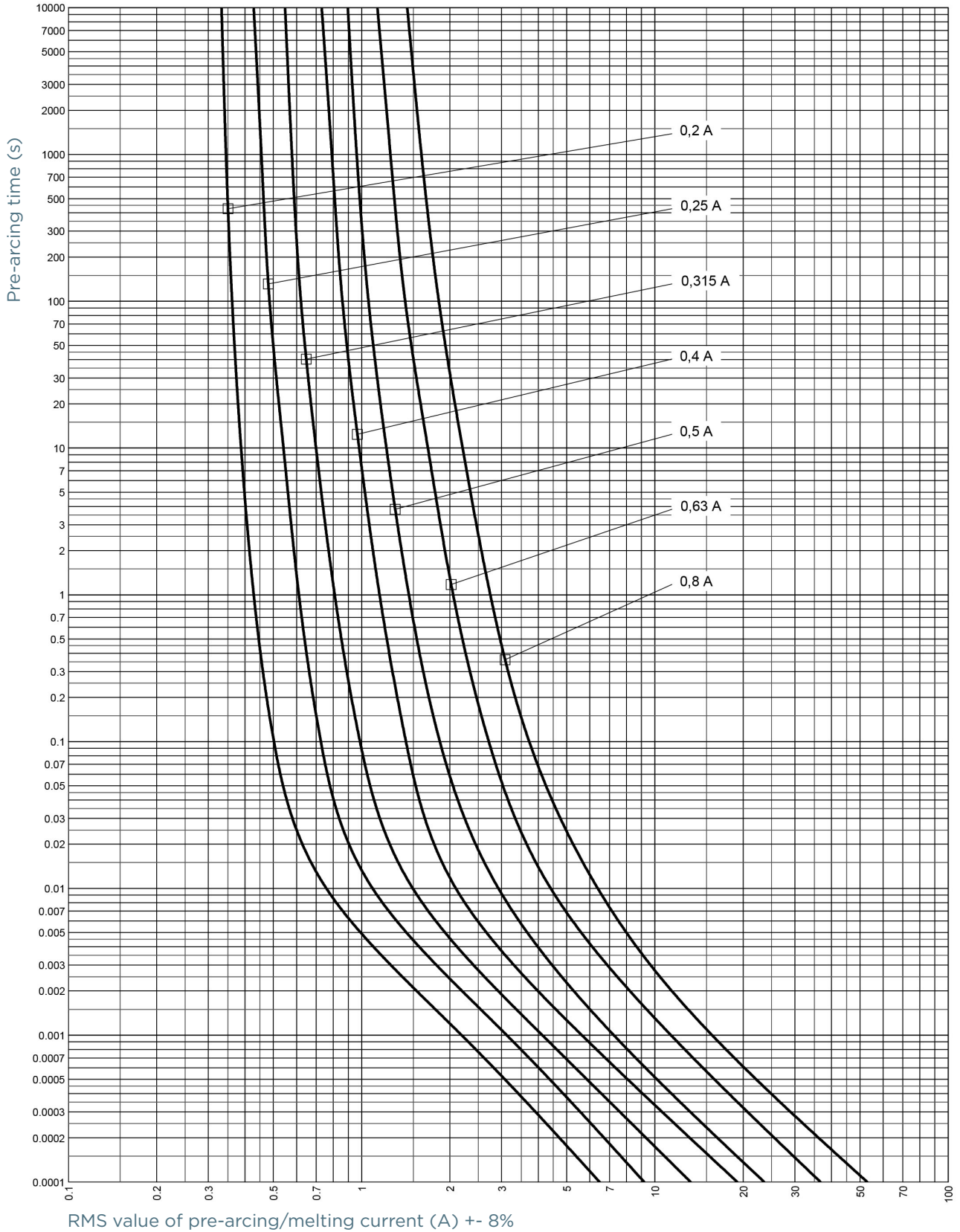


# Miniature Fuses Size 6x32 FA

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## TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 500V 0,2A-0,8A

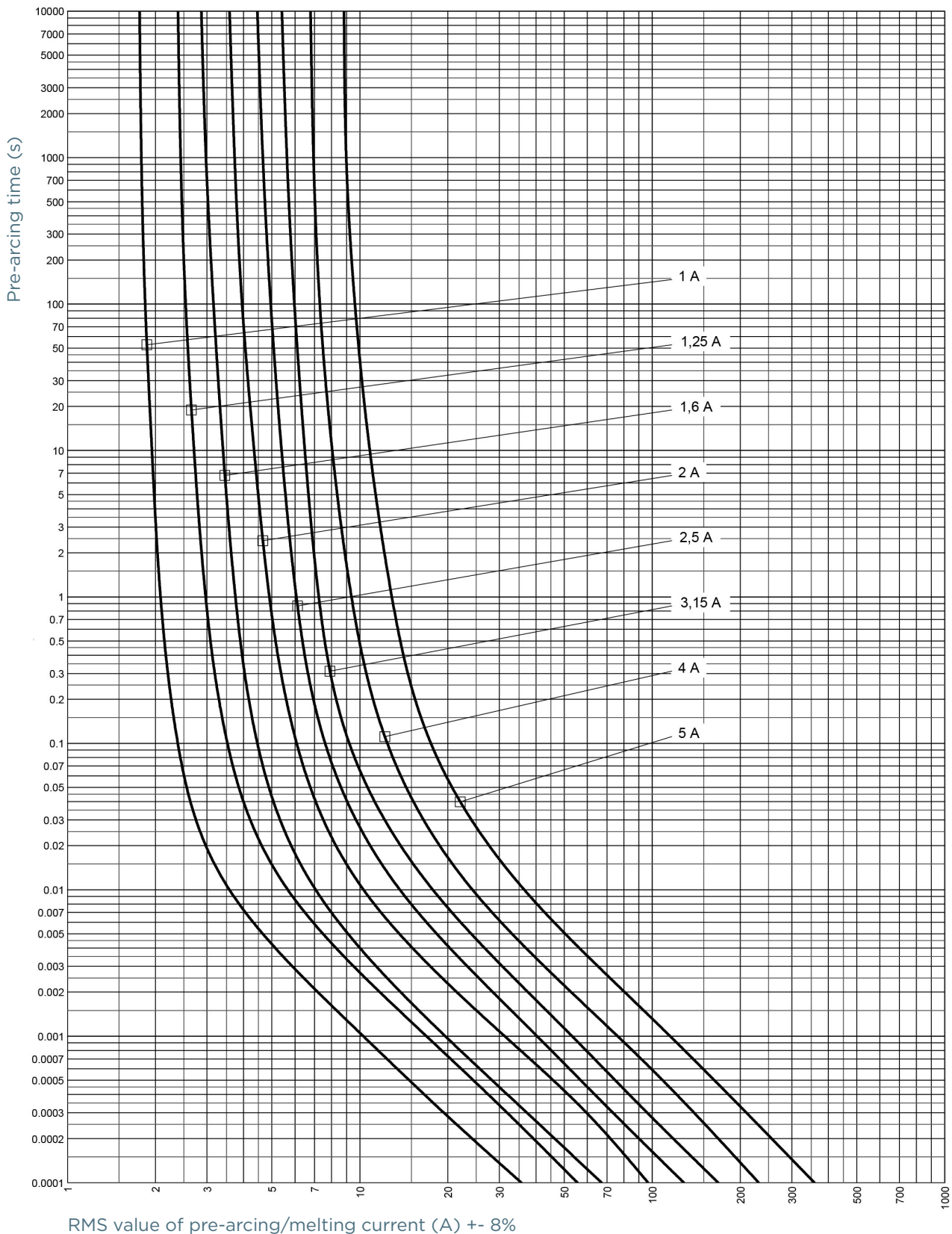


# Miniature Fuses Size 6x32 FA

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## TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 500V 1A-5A

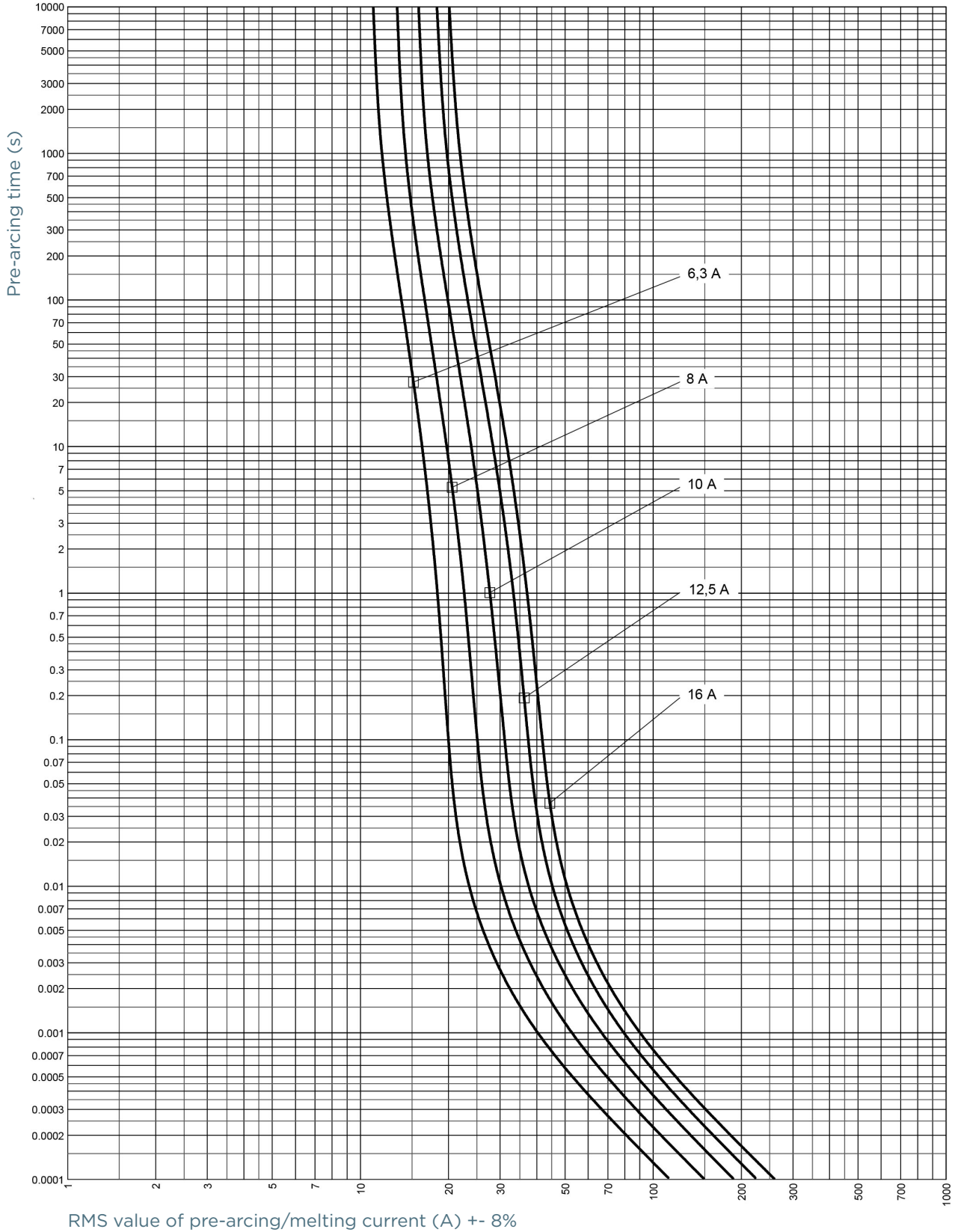


# Miniature Fuses Size 6x32 FA

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## TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 500V 6,3A-16A

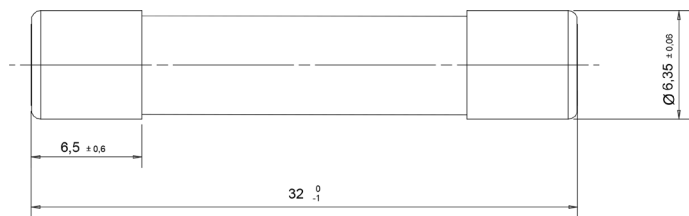


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## DIMENSIONS

### Size 6x32 FA 500V



Dimensions in mm