

Miniature Fuses Size 6x32 FA

690V - Semiconductor Protection Fuses

MINIATURE FUSES

6X32MM SEMICONDUCTOR PROTECTION FUSES



Mersen's Miniature Fuses 6x32 FA 690V 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 690V 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	690V
Ampere range	0,1A-2A
Speed/Characteristic	FA
Size per Standard	6x32
Breaking capacity	30 kA
Package	50 pcs
Weight	2.5 g

FEATURES & BENEFITS

- 6x32
- Very fast acting
- 690V
- 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 690V

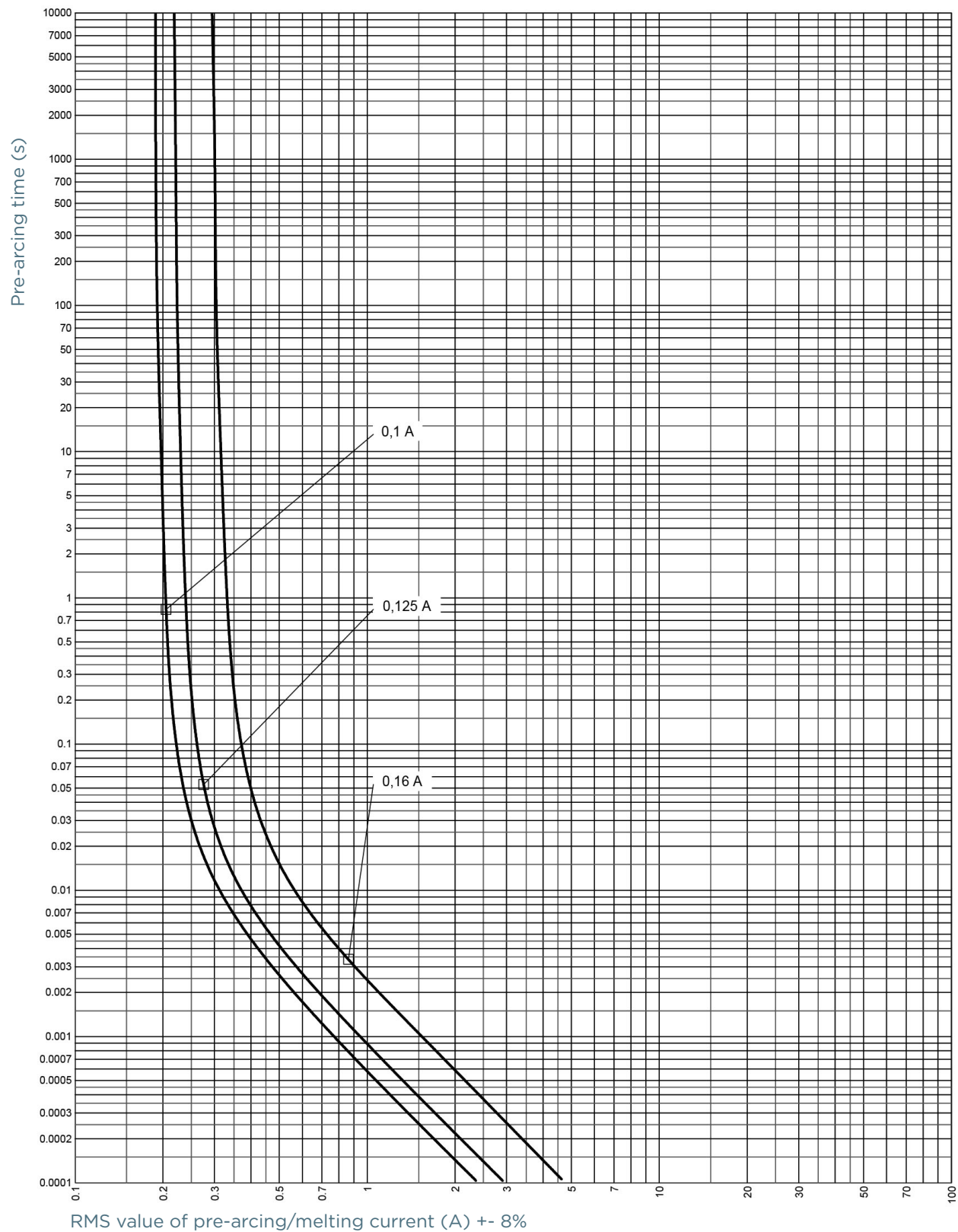
Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	UL/CSA recognized
MI6FA69V0.1	Q093279	690 V	0.1 A	0.00057 A ² s	0.0037 A ² s	✓
MI6FA69V0.125	S093281	690 V	0.125 A	0.00077 A ² s	0.005 A ² s	✓
MI6FA69V0.16	V086452	690 V	0.16 A	0.002 A ² s	0.014 A ² s	✓
MI6FA69V0.2	T086474	690 V	0.2 A	0.0046 A ² s	0.03 A ² s	✓
MI6FA69V0.25	V093283	690 V	0.25 A	0.009 A ² s	0.06 A ² s	✓
MI6FA69V0.315	X093285	690 V	0.315 A	0.016 A ² s	0.1 A ² s	✓
MI6FA69V0.4	W086476	690 V	0.4 A	0.03 A ² s	0.2 A ² s	✓
MI6FA69V0.5	D086483	690 V	0.5 A	0.05 A ² s	0.33 A ² s	✓
MI6FA69V0.63	Z093287	690 V	0.63 A	0.12 A ² s	0.8 A ² s	✓
MI6FA69V0.8	D086437	690 V	0.8 A	0.18 A ² s	1.2 A ² s	✓
MI6FA69V1	H093295	690 V	1 A	0.11 A ² s	0.48 A ² s	✓
MI6FA69V1.25	B093289	690 V	1.25 A	0.17 A ² s	0.76 A ² s	✓
MI6FA69V1.6	D093291	690 V	1.6 A	0.39 A ² s	1.7 A ² s	✓
MI6FA69V2	F093293	690 V	2 A	0.81 A ² s	3.5 A ² s	✓

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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 690V 0.1A-0.16A

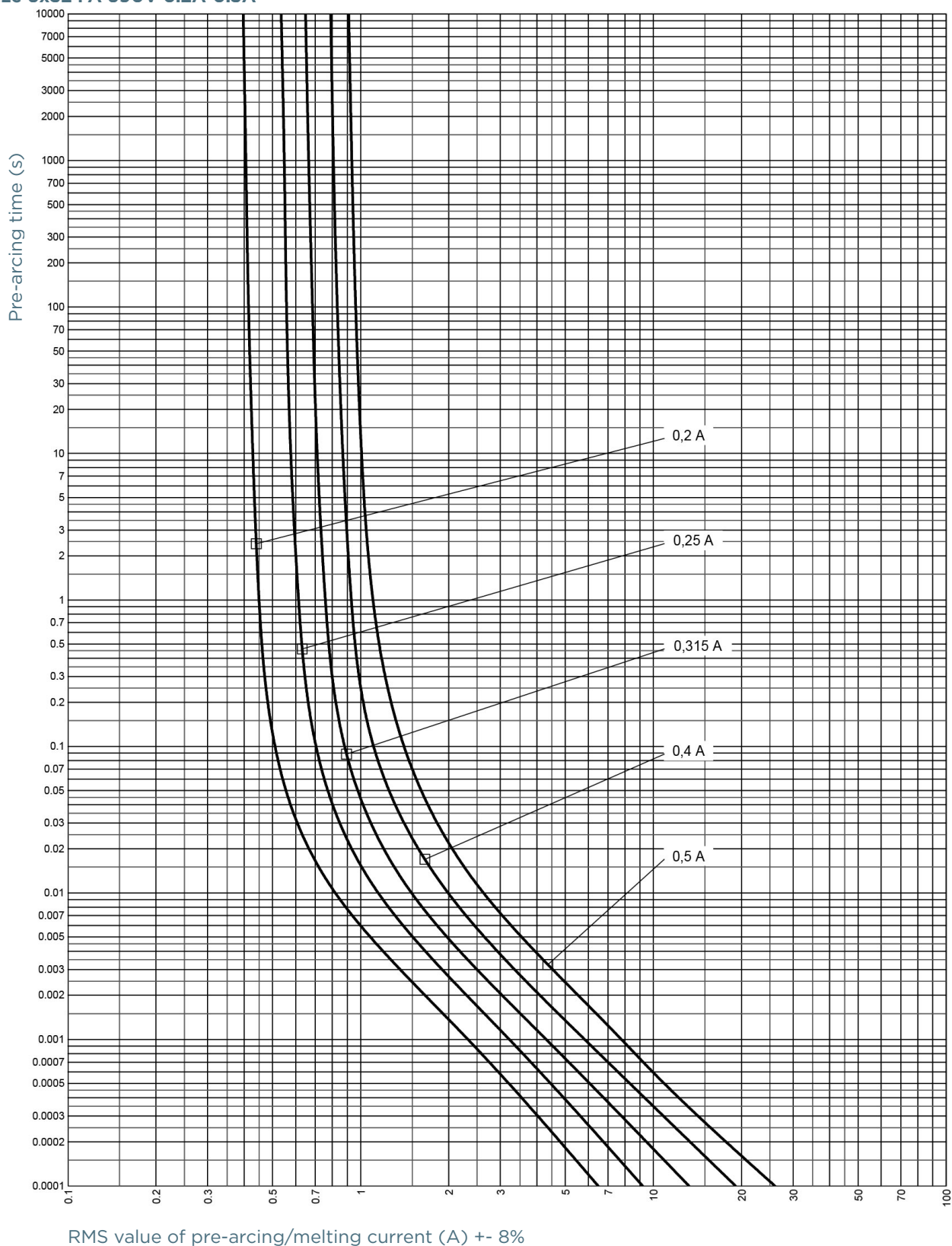


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 690V 0.2A-0.5A

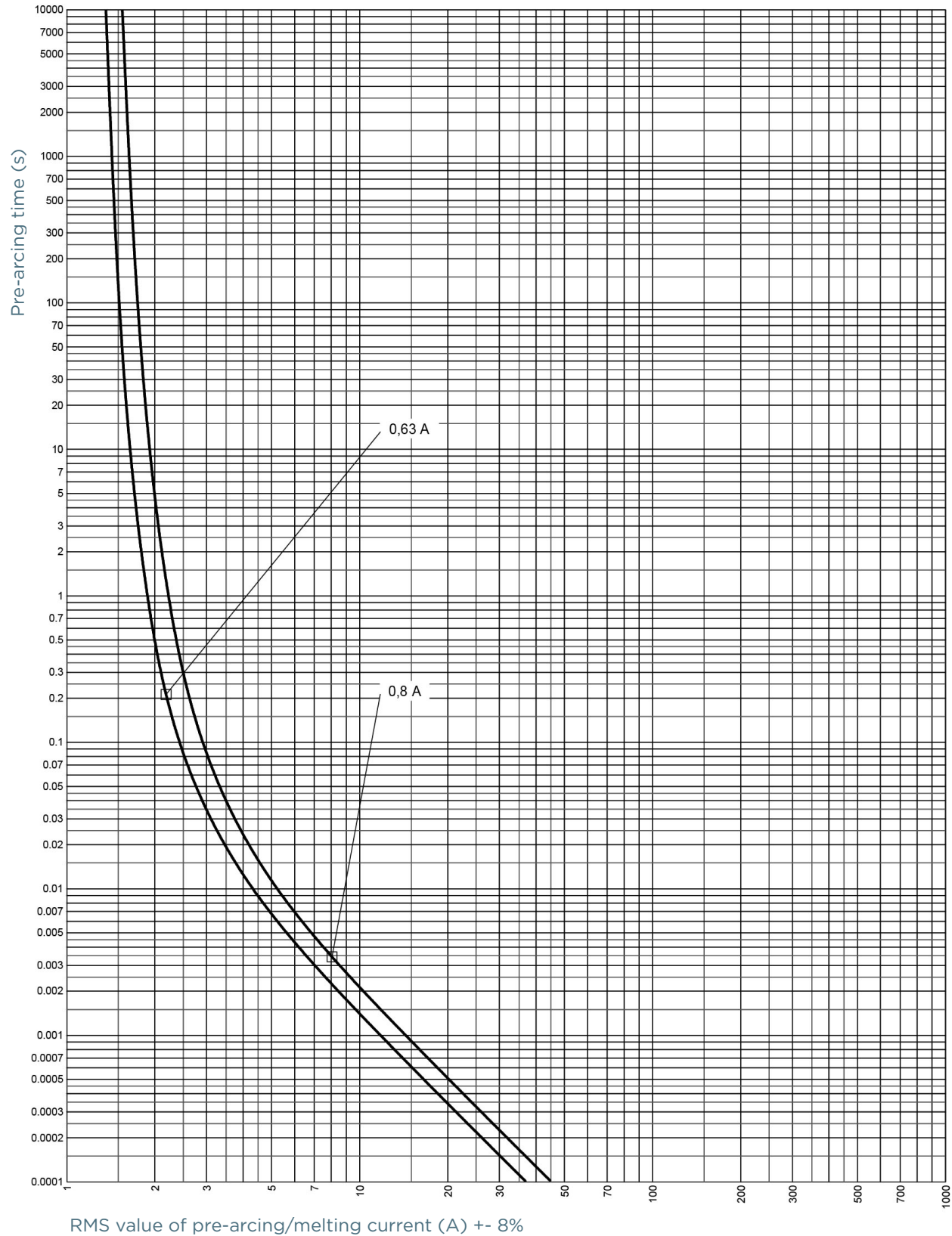


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 690V 0.63A-0.8A

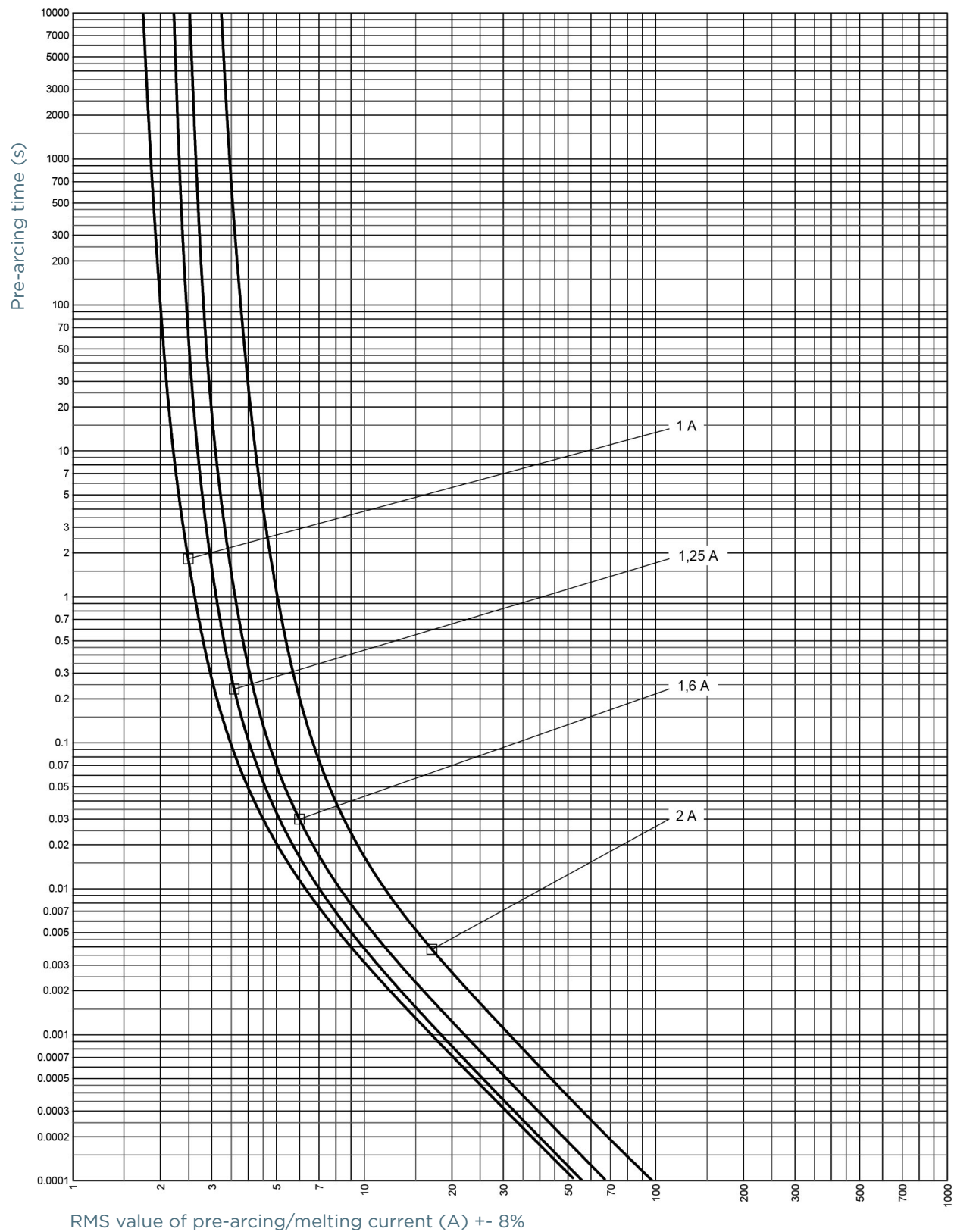


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 690V 1A-2A

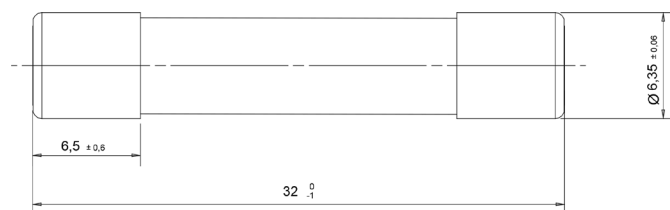


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DIMENSIONS

Size 6x32 FA 690V



Dimensions in mm