

Miniature Fuses Size 6x32 FA/FB

400V - Semiconductor Protection Fuses

MINIATURE FUSES

6X32MM SEMICONDUCTOR PROTECTION FUSES



Mersen's Miniature Fuses 6x32 FA/FB 400V provide fast protection for sensitive electronic components. Their very fast-acting (FA/FB) design safeguards semiconductor devices from overcurrent and short circuits. Compact and versatile, these 400V 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. Some references are available with or without trip indicator.

TECHNICAL DATA OVERVIEW

Voltage	400V
Ampere range	0,1A-16A
Speed/Characteristic	FA
Size per Standard	6x32
Weight	2.5 g

FEATURES & BENEFITS

- 6x32
- Very fast acting
- 400V
- With or without trip indicator
- Packaging: box of 10pcs or 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/FB 400V without trip indicator

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	UL/CSA recognized	Package
MI6FA40V0.1	H078920	400 V	0.1 A	0.00057 A ² s	0.0016 A ² s	200 kA	✓	50
MI6FA40V0.125	F084369	400 V	0.125 A	0.00077 A ² s	0.0021 A ² s	200 kA	✓	50
MI6FA40V0.16	M084352	400 V	0.16 A	0.002 A ² s	0.006 A ² s	200 kA	✓	50
MI6FA40V0.2	G084370	400 V	0.2 A	0.0046 A ² s	0.013 A ² s	200 kA	✓	50
MI6FA40V0.25	N084353	400 V	0.25 A	0.009 A ² s	0.025 A ² s	200 kA	✓	50
MI6FA40V0.315	D084367	400 V	0.315 A	0.016 A ² s	0.045 A ² s	200 kA	✓	50
MI6FA40V0.4	H084371	400 V	0.4 A	0.03 A ² s	0.085 A ² s	200 kA	✓	50
MI6FA40V0.5	P084354	400 V	0.5 A	0.05 A ² s	0.15 A ² s	200 kA	✓	50
MI6FA40V0.63	E084368	400 V	0.63 A	0.12 A ² s	0.35 A ² s	200 kA	✓	50
MI6FA40V0.8	L084351	400 V	0.8 A	0.25 A ² s	0.72 A ² s	200 kA	✓	50
MI6FA40V1	Q084355	400 V	1 A	0.11 A ² s	0.25 A ² s	200 kA	✓	50
MI6FA40V1.25	R084356	400 V	1.25 A	0.26 A ² s	0.6 A ² s	200 kA	✓	50
MI6FA40V1.6	S084357	400 V	1.6 A	0.39 A ² s	0.9 A ² s	200 kA	✓	50
MI6FA40V2	T084358	400 V	2 A	0.81 A ² s	1.9 A ² s	200 kA	✓	50
MI6FA40V2.5	V084359	400 V	2.5 A	1.44 A ² s	3.2 A ² s	200 kA	✓	50
MI6FA40V3.15	W084360	400 V	3.15 A	2.46 A ² s	5.5 A ² s	200 kA	✓	50
MI6FA40V4	X084361	400 V	4 A	4.6 A ² s	10 A ² s	200 kA	✓	50
MI6FA40V5	Y084362	400 V	5 A	11 A ² s	25 A ² s	150 kA	✓	50
MI6FA40V6.3	Z084363	400 V	6.3 A	1.1 A ² s	12 A ² s	150 kA	✓	50
MI6FA40V8	A084364	400 V	8 A	2 A ² s	21 A ² s	150 kA	✓	50
MI6FA40V10	B084365	400 V	10 A	3.1 A ² s	35 A ² s	150 kA	✓	50
MI6FA40V12.5	C084366	400 V	12.5 A	4.5 A ² s	47 A ² s	150 kA	✓	50
MI6FB40V16	K084373	400 V	16 A	5.3 A ² s	55 A ² s	150 kA	✓	50

Size 6x32 FA/FB 400V with trip indicator

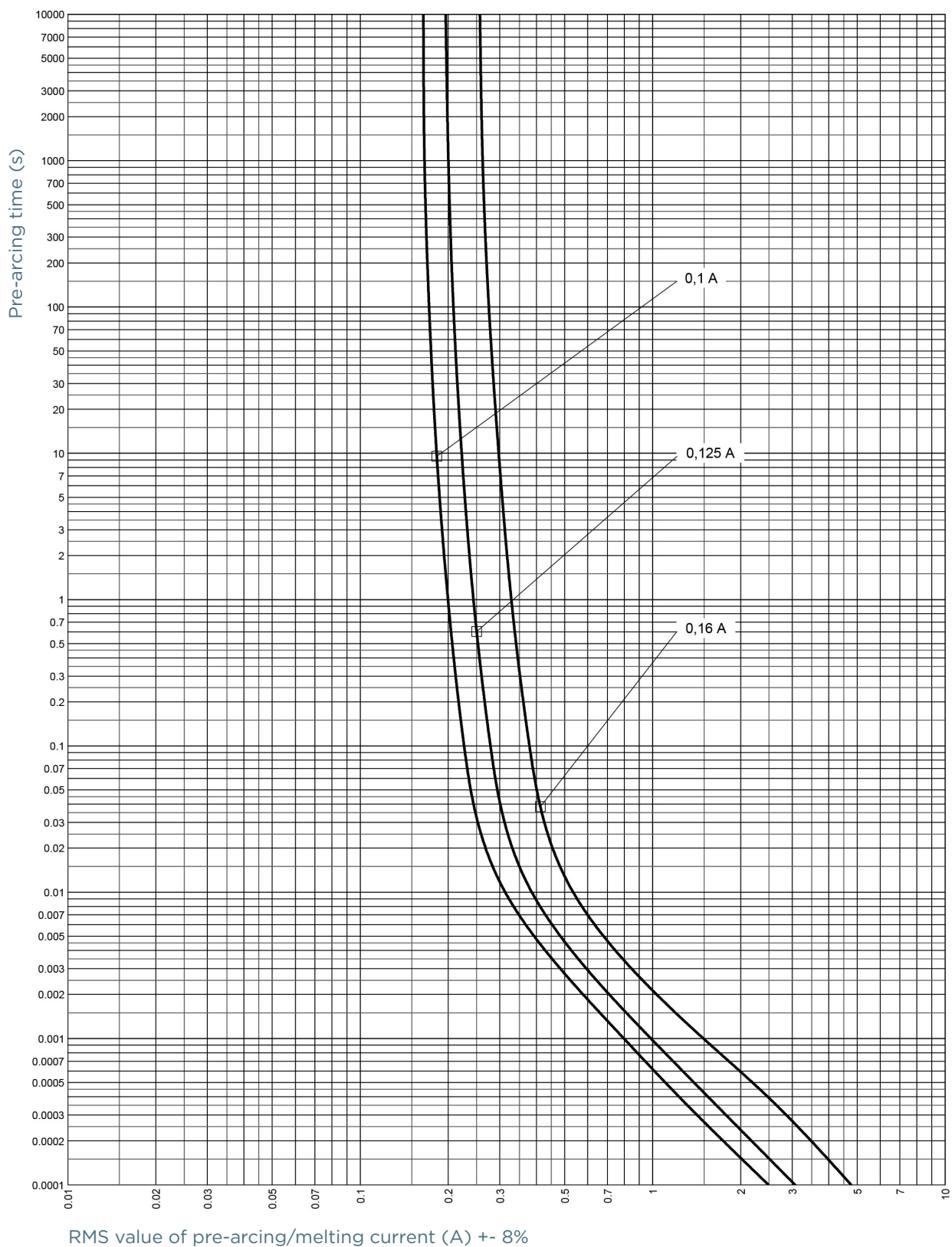
Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Breaking capacity	UL/CSA recognized	Package
MI6FA40V0.8P	J078921	400 V	0.8 A	0.25 A ² s	0.72 A ² s	200 kA	✓	10
MI6FA40V1P	J080393	400 V	1 A	0.11 A ² s	0.25 A ² s	200 kA	✓	10
MI6FA40V1.25P	A094415	400 V	1.25 A	0.26 A ² s	0.6 A ² s	200 kA	✓	10
MI6FA40V1.6P	K078922	400 V	1.6 A	0.39 A ² s	0.9 A ² s	200 kA	✓	10
MI6FA40V2P	K080394	400 V	2 A	0.81 A ² s	1.9 A ² s	200 kA	✓	10
MI6FA40V2.5P	W093169	400 V	2.5 A	1.44 A ² s	3.2 A ² s	200 kA	✓	10
MI6FA40V3.15P	D080641	400 V	3.15 A	2.46 A ² s	5.5 A ² s	200 kA	✓	10
MI6FA40V4P	D080917	400 V	4 A	4.6 A ² s	10 A ² s	200 kA	✓	10
MI6FA40V5P	H079771	400 V	5 A	11 A ² s	25 A ² s	150 kA	✓	10
MI6FA40V6.3P	C080916	400 V	6.3 A	1.1 A ² s	12 A ² s	150 kA	✓	10
MI6FA40V8P	B080915	400 V	8 A	2 A ² s	21 A ² s	150 kA	✓	10
MI6FA40V10P	X093170	400 V	10 A	3.1 A ² s	35 A ² s	150 kA	✓	10
MI6FA40V12.5P	Y093171	400 V	12.5 A	4.5 A ² s	47 A ² s	150 kA	✓	10
MI6FB40V16P	M080626	400 V	16 A	5.3 A ² s	55 A ² s	150 kA	✓	10

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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 400V 0,1A-0,16A

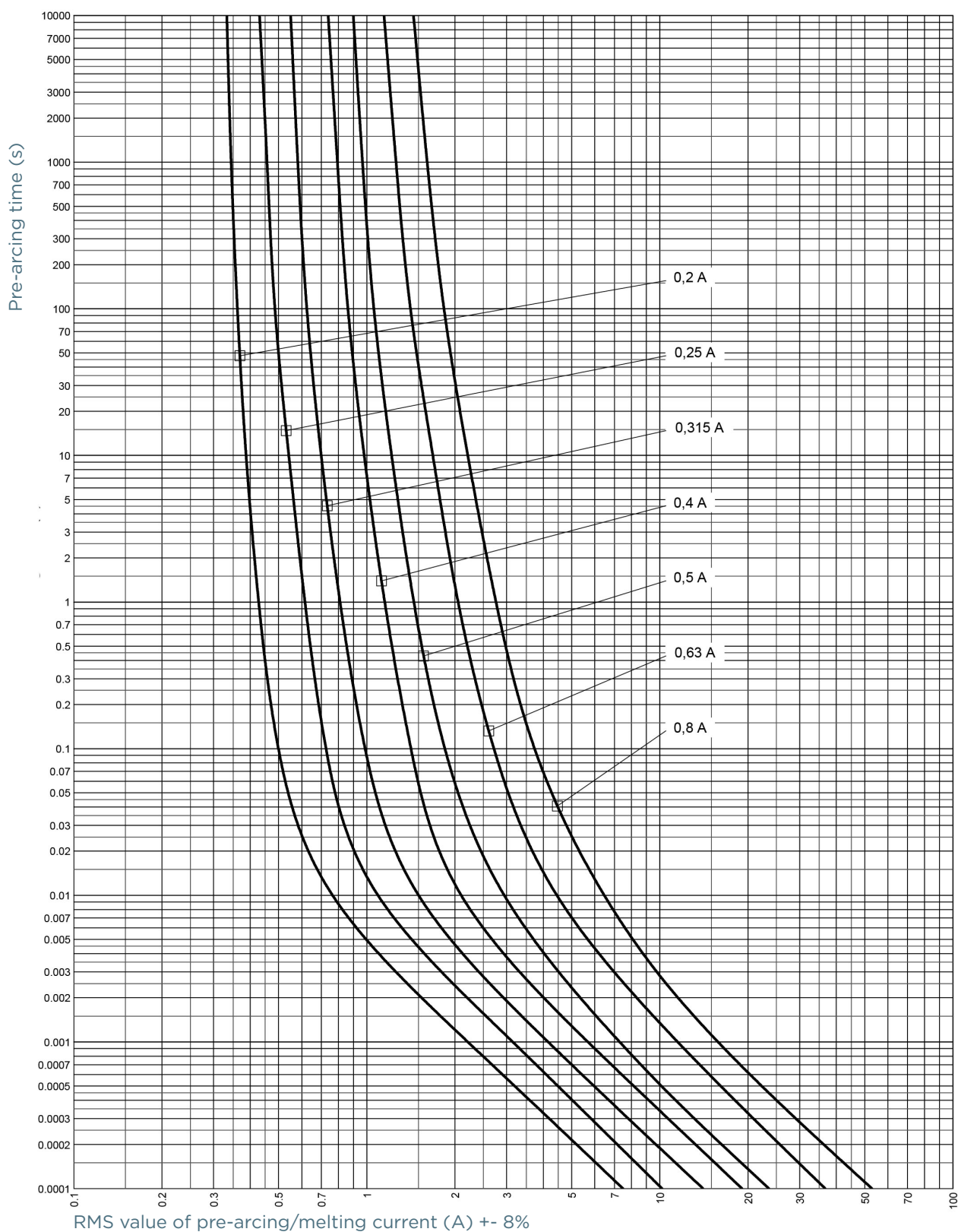


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 400V 0,2A-0,8A

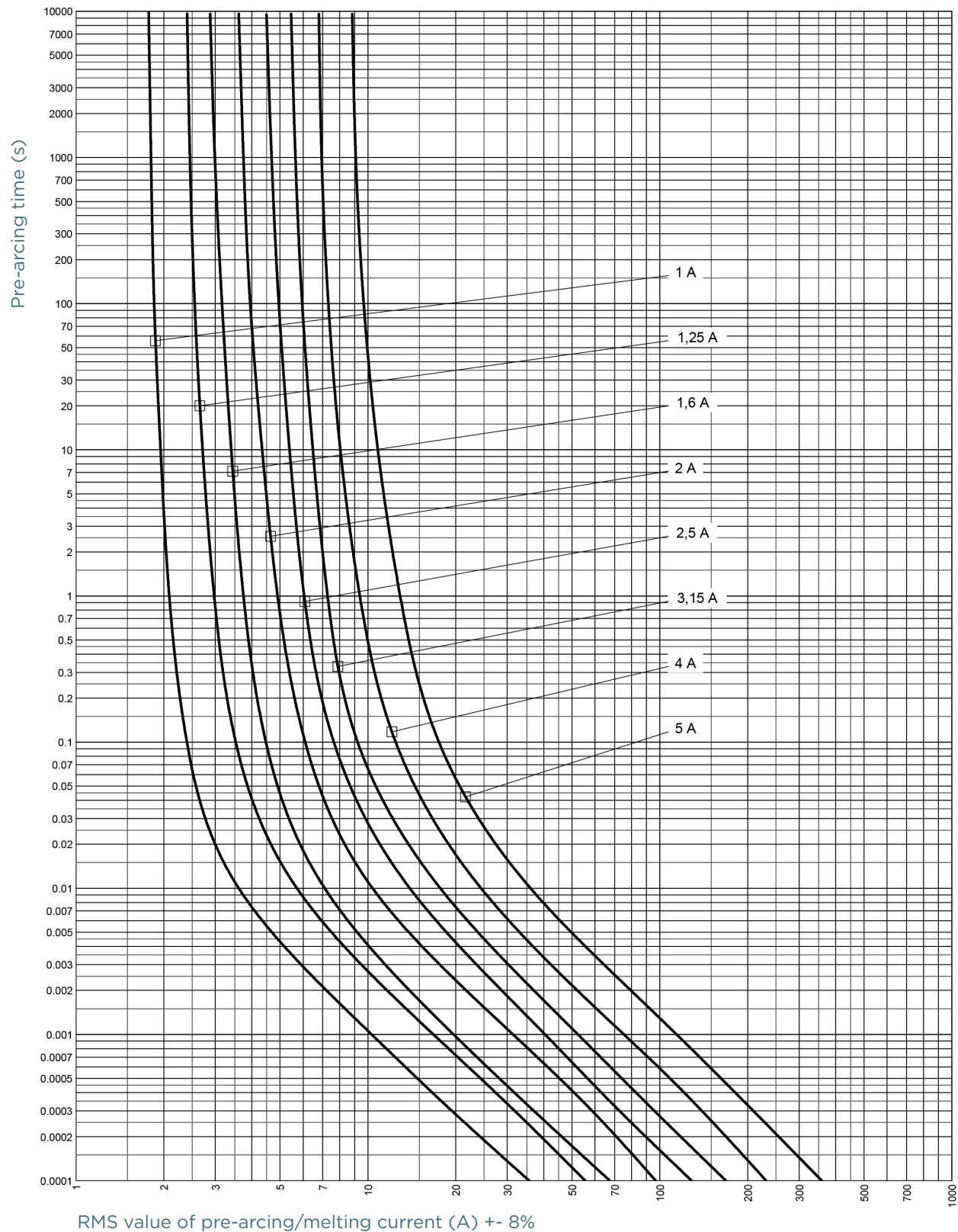


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 400V 1A-5A

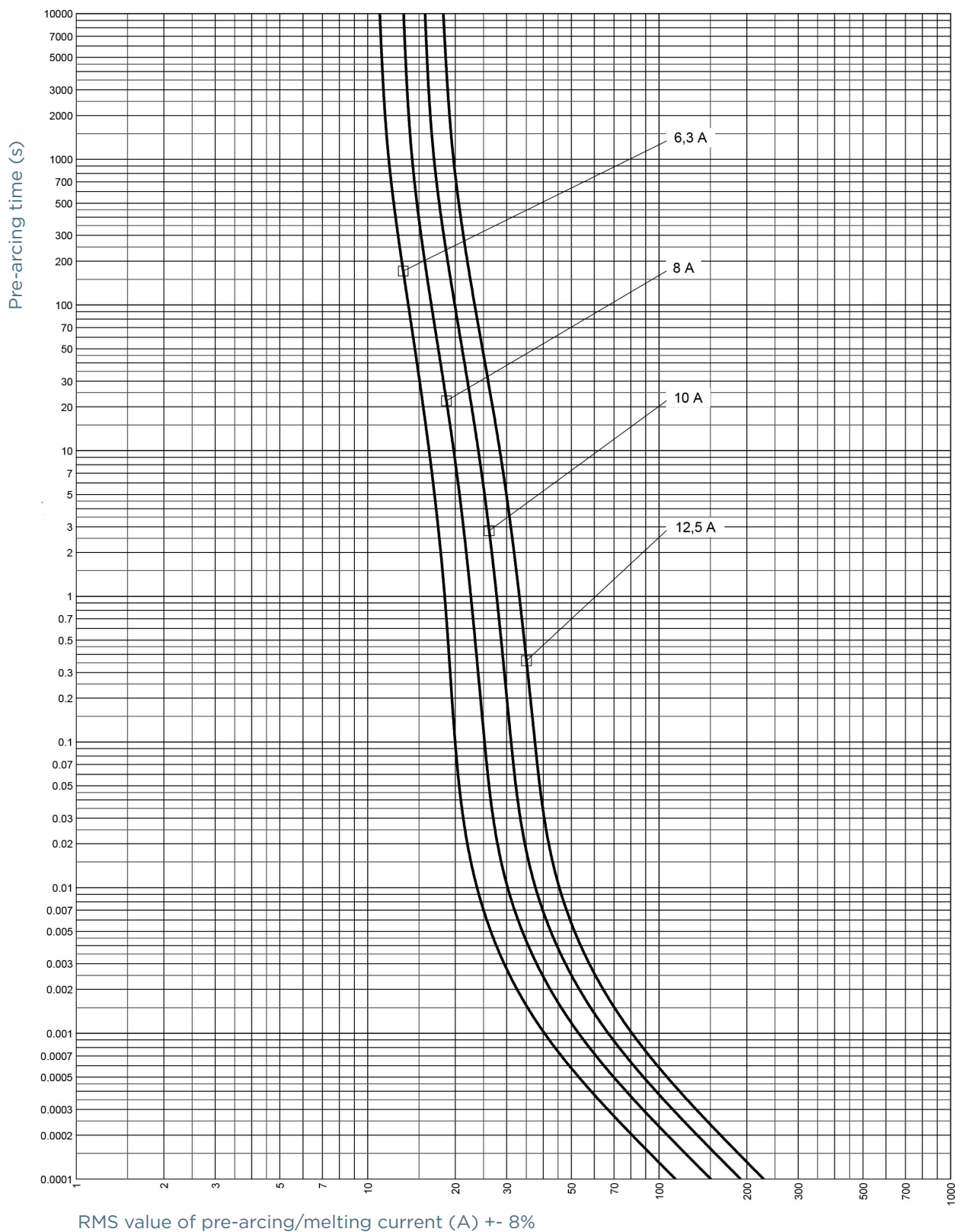


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FA 400V 6,3A-12,5A

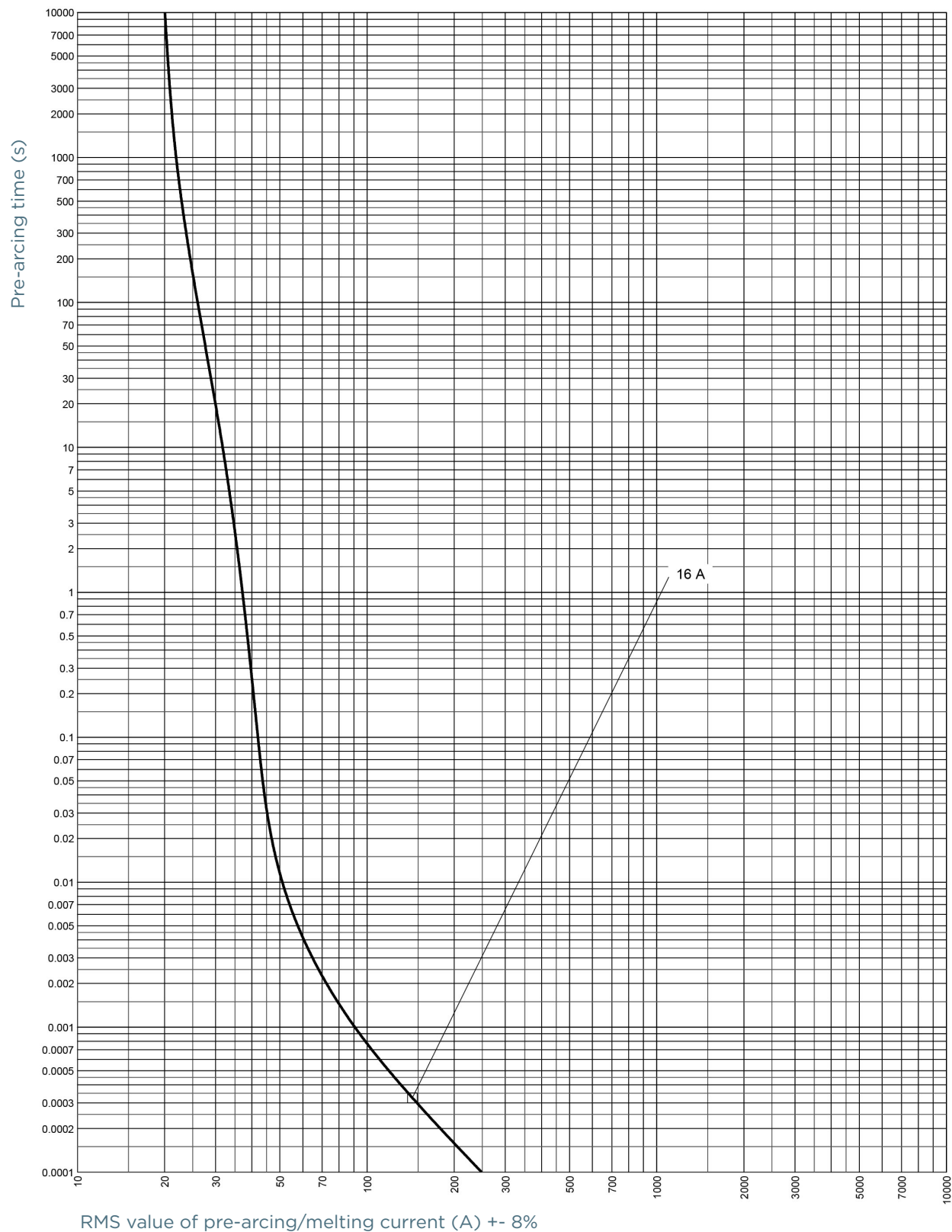


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 FB 400V 16A

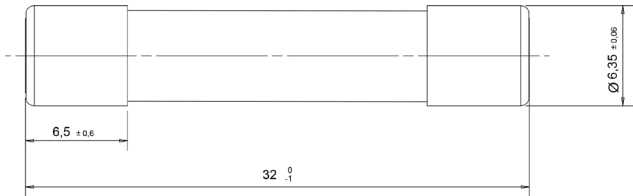


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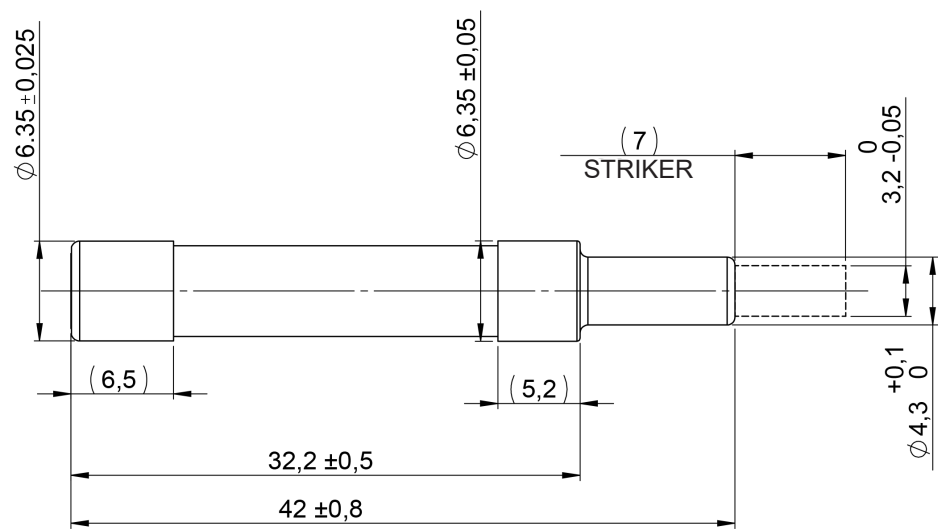
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DIMENSIONS

Fuses Size 6x32 FA/FB 400V



Fuses Size 6x32 FA/FB 400V with trip indicator



Dimensions in mm