

Miniature Fuses Size 6x32 SA

500V - Semiconductor Protection Fuses

MINIATURE FUSES

6X32MM SEMICONDUCTOR PROTECTION FUSES



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

Their medium time-lag (SA) design safeguards semiconductor devices from overcurrent while allowing short-term surges.

Compact and versatile, these 500V fuses ensure consistent performance across various applications.

Built with high-quality materials, they offer a very high breaking capacity to handle inrush currents, enhancing system durability and reliability.

TECHNICAL DATA OVERVIEW

Voltage	500V
Ampere range	0,1A-10A
Speed/Characteristic	SA
Size per Standard	6x32
Package	50 pc
Weight	2.5 g

FEATURES & BENEFITS

- 6x32
- Medium time lag
- 500V
- Packaging: box of 50pcs

APPLICATIONS

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

STANDARDS

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



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PRODUCT RANGE

Size 6x32 SA 500V

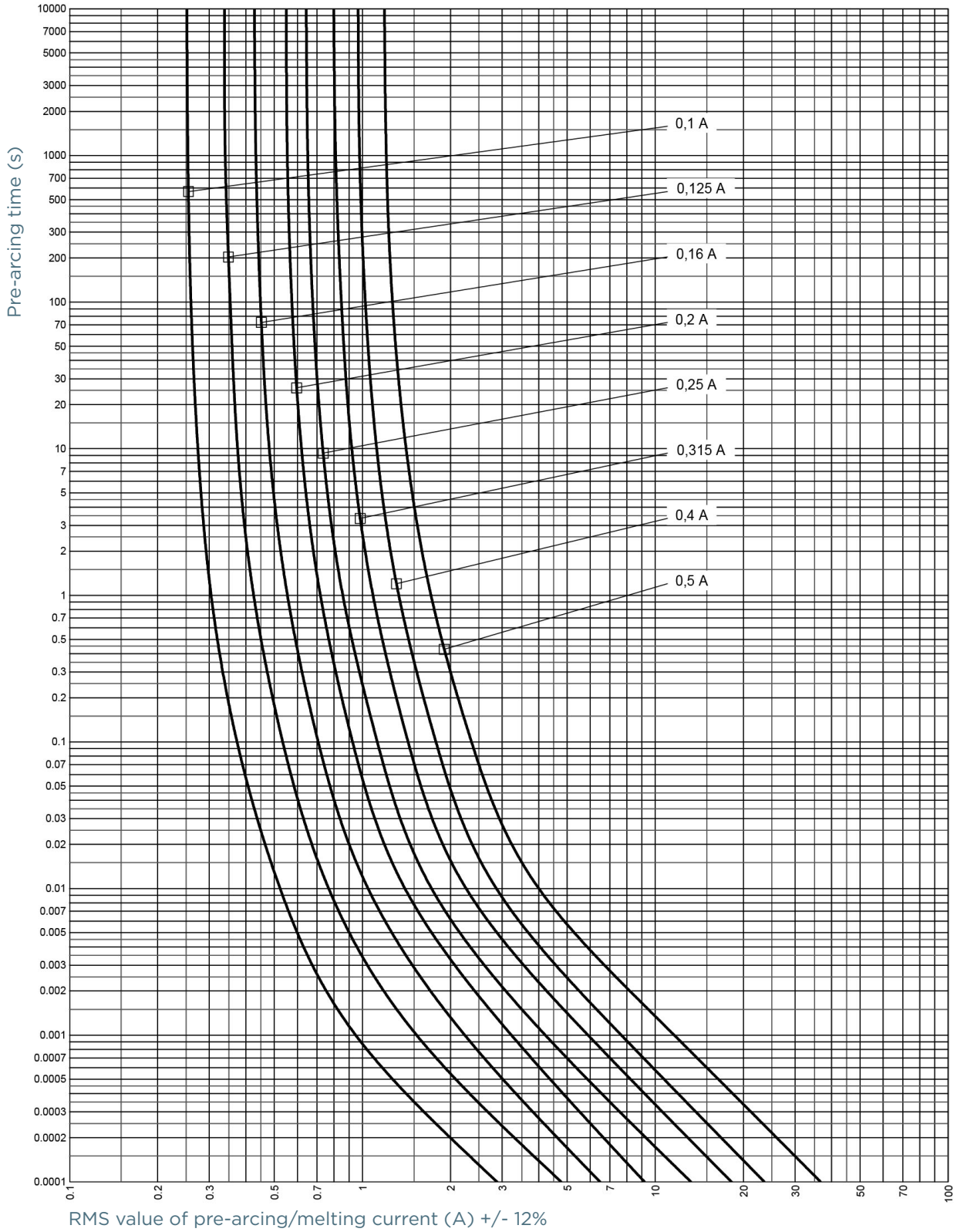
Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	Rated breaking capacity AC	UL/CSA recognized
MI6SA50V0.1	C078869	500 V	0.1 A	0.00077 A ² s	0.003 A ² s	50 kA	✓
MI6SA50V0.125	C098120	500 V	0.125 A	0.002 A ² s	0.008 A ² s	50 kA	✓
MI6SA50V0.16	D098121	500 V	0.16 A	0.0046 A ² s	0.017 A ² s	50 kA	✓
MI6SA50V0.2	D078870	500 V	0.2 A	0.009 A ² s	0.035 A ² s	50 kA	✓
MI6SA50V0.25	E098122	500 V	0.25 A	0.016 A ² s	0.06 A ² s	50 kA	✓
MI6SA50V0.315	F098123	500 V	0.315 A	0.03 A ² s	0.11 A ² s	50 kA	✓
MI6SA50V0.4	G098124	500 V	0.4 A	0.05 A ² s	0.2 A ² s	50 kA	✓
MI6SA50V0.5	H098125	500 V	0.5 A	0.12 A ² s	0.45 A ² s	50 kA	✓
MI6SA50V0.63	J098126	500 V	0.63 A	0.11 A ² s	0.3 A ² s	50 kA	✓
MI6SA50V0.8	K098127	500 V	0.8 A	0.17 A ² s	0.5 A ² s	50 kA	✓
MI6SA50V1	L098128	500 V	1 A	0.26 A ² s	0.75 A ² s	50 kA	✓
MI6SA50V1.25	M098129	500 V	1.25 A	0.55 A ² s	1.5 A ² s	50 kA	✓
MI6SA50V1.6	N098130	500 V	1.6 A	1.44 A ² s	4 A ² s	50 kA	✓
MI6SA50V2	P098131	500 V	2 A	2.46 A ² s	7 A ² s	50 kA	✓
MI6SA50V2.5	Y098208	500 V	2.5 A	4.6 A ² s	14 A ² s	10 kA	✓
MI6SA50V3.15	F085450	500 V	3.15 A	11 A ² s	30 A ² s	10 kA	✓
MI6SA50V4	G085451	500 V	4 A	23 A ² s	60 A ² s	10 kA	✓
MI6SA50V5	E085610	500 V	5 A	15.7 A ² s	80 A ² s	10 kA	✓
MI6SA50V6.3	F085611	500 V	6.3 A	28 A ² s	150 A ² s	10 kA	✓
MI6SA50V8	G085612	500 V	8 A	35.4 A ² s	180 A ² s	10 kA	✓
MI6SA50V10	H085613	500 V	10 A	52.9 A ² s	265 A ² s	10 kA	✓

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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 SA 500V 0.1A-0.5A

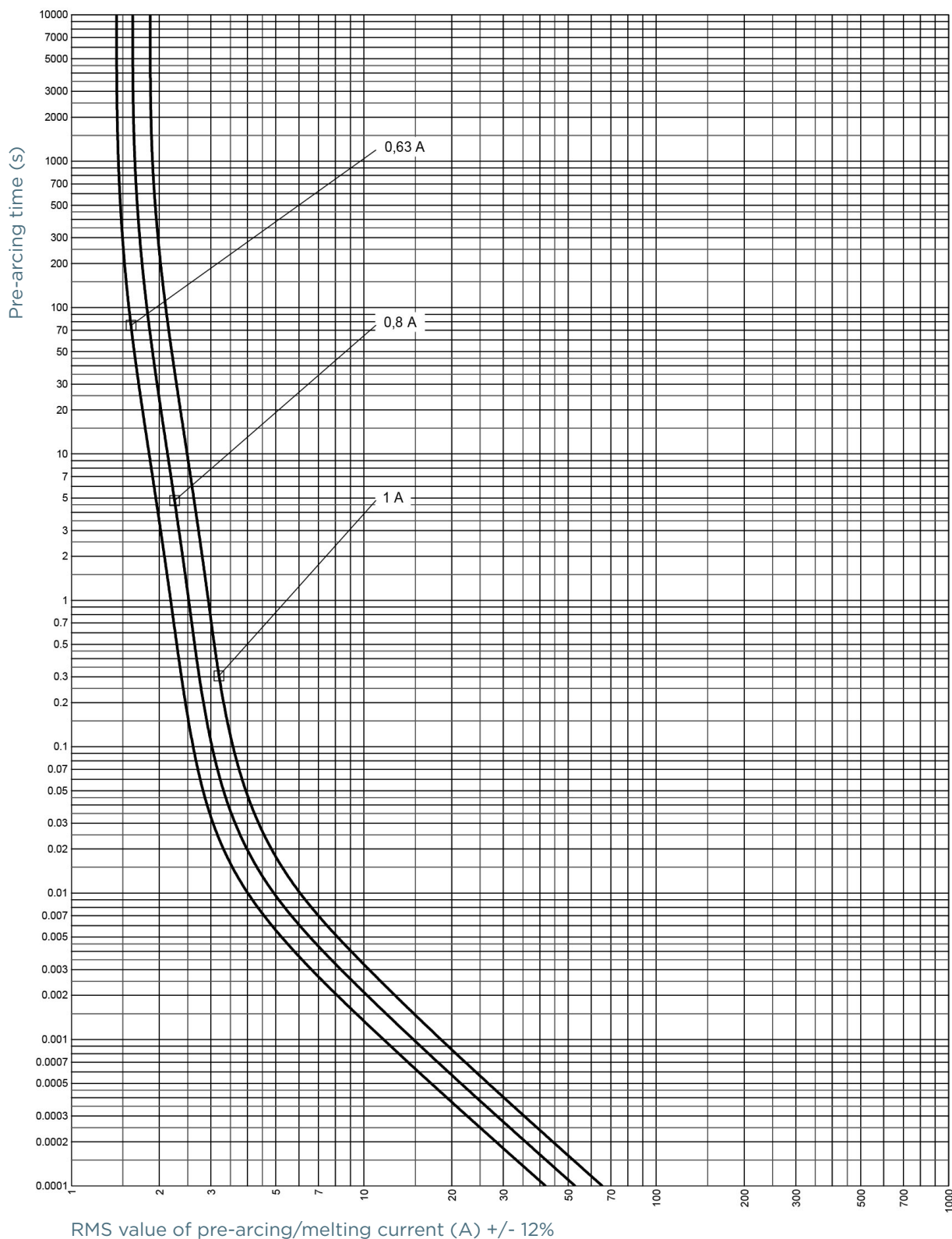


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 SA 500V 0.63A-1A

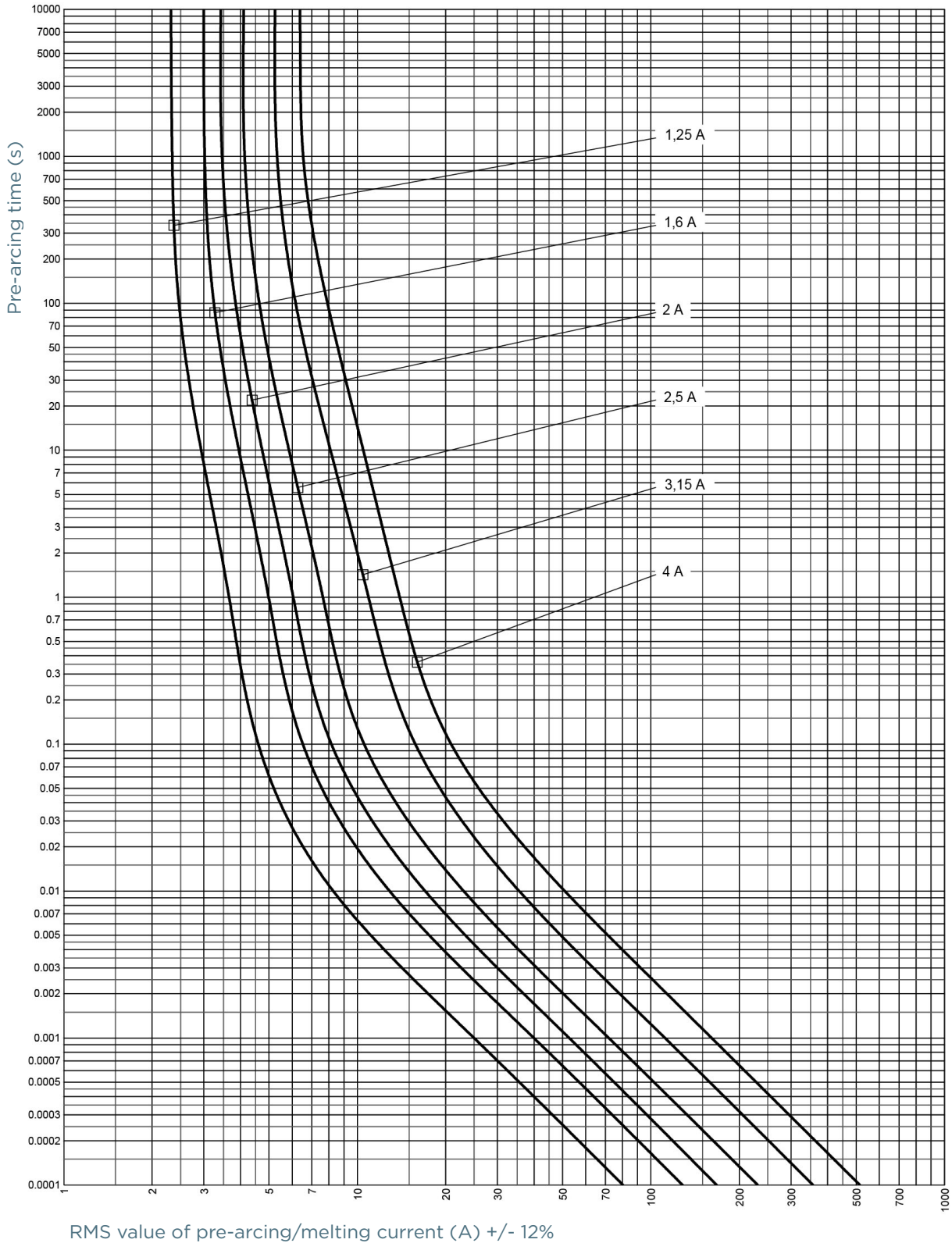


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 SA 500V 1.25A-4A

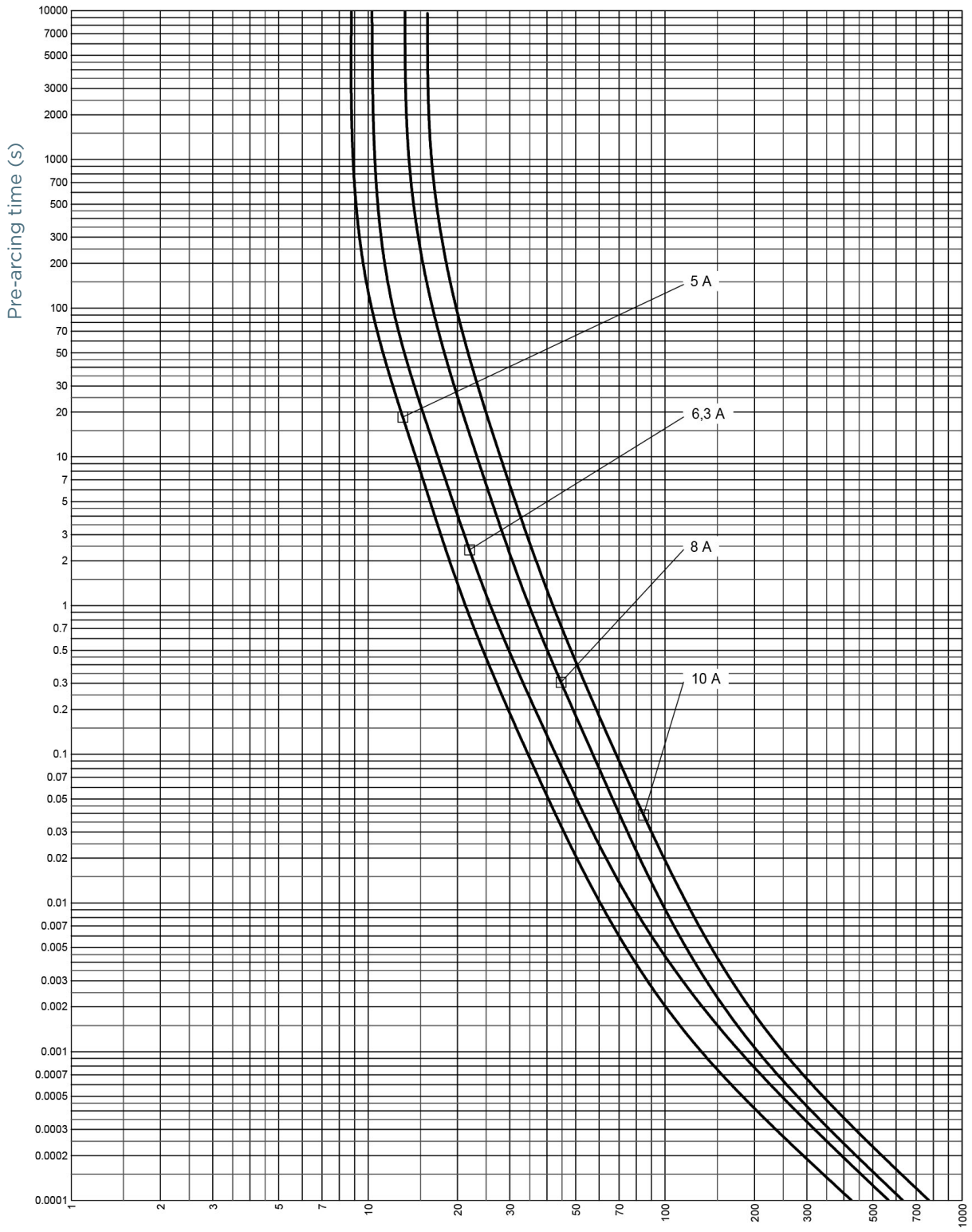


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TIME CURRENT CHARACTERISTIC CURVES

Size 6x32 SA 500V 5A-10A



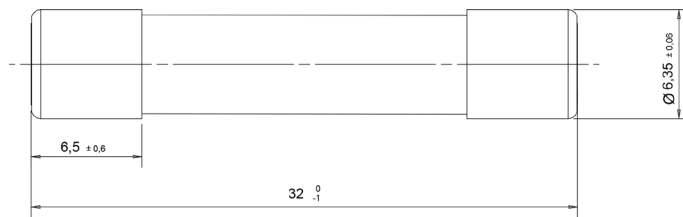
RMS value of pre-arcing/melting current (A) +/- 12%

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DIMENSIONS

Fuses Size 6x32 SA 500V



Dimensions in mm