

Miniature Fuses Size 6x46 FA

1000V - Semiconductor Protection Fuses

MINIATURE FUSES

6X46MM SEMICONDUCTOR PROTECTION FUSES



Mersen's Miniature Fuses 6x46 FA 1000V 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 1000V 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.

TECHNICAL DATA OVERVIEW

Voltage	1000V
Ampere range	0,1A-1A
Speed/Characteristic	FA
Size per Standard	6x46
Rated breaking capacity AC	30 kA
Package	10 pc
Weight	2.5 g

FEATURES & BENEFITS

- 6x46
- Very fast acting
- 1000V
- Packaging: box of 10pcs

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 6x46 FA 1000V

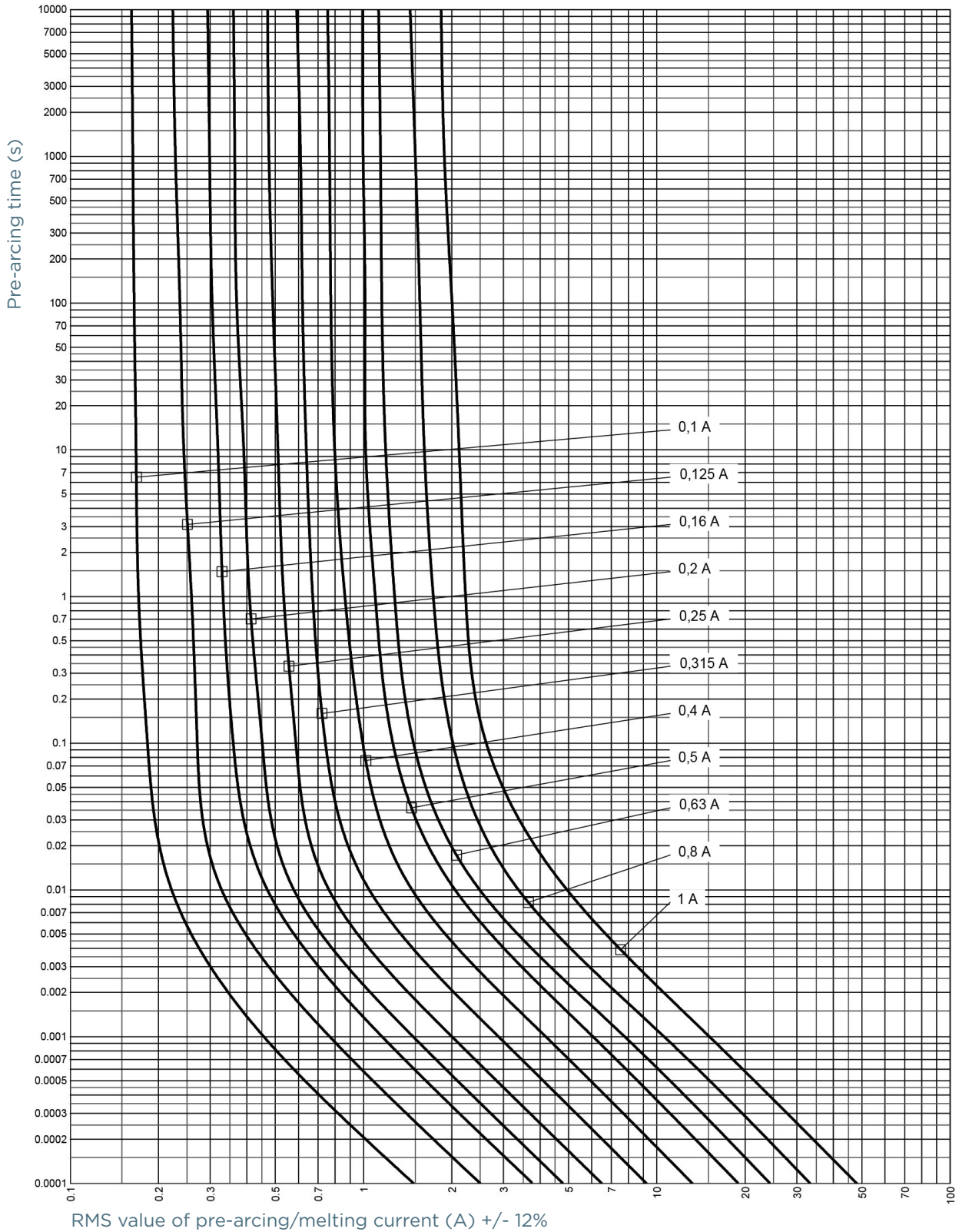
Catalog number	Item number	Rated voltage AC	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at AC Rated Voltage	UL/CSA recognized
MI6FA100V0.1	G076458	1000 V	0.1 A	0.0002 A ² s	0.0001 A ² s	✓
MI6FA100V0.125	H076459	1000 V	0.125 A	0.0006 A ² s	0.003 A ² s	✓
MI6FA100V0.16	J076460	1000 V	0.16 A	0.0014 A ² s	0.006 A ² s	✓
MI6FA100V0.2	K076461	1000 V	0.2 A	0.0046 A ² s	0.03 A ² s	✓
MI6FA100V0.25	L076462	1000 V	0.25 A	0.004 A ² s	0.02 A ² s	✓
MI6FA100V0.315	M076463	1000 V	0.315 A	0.008 A ² s	0.04 A ² s	✓
MI6FA100V0.4	N076464	1000 V	0.4 A	0.017 A ² s	0.08 A ² s	✓
MI646FA100V0.5	P076465	1000 V	0.5 A	0.036 A ² s	0.16 A ² s	✓
MI6FA100V0.63	Q076466	1000 V	0.63 A	0.59 A ² s	0.35 A ² s	✓
MI6FA100V0.8	R076467	1000 V	0.8 A	0.11 A ² s	0.6 A ² s	✓
MI6FA100V1	P075660	1000 V	1 A	0.23 A ² s	1.25 A ² s	✓

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TIME CURRENT CHARACTERISTIC CURVES

Size 6x46 FA 1000V 0.1A-1A

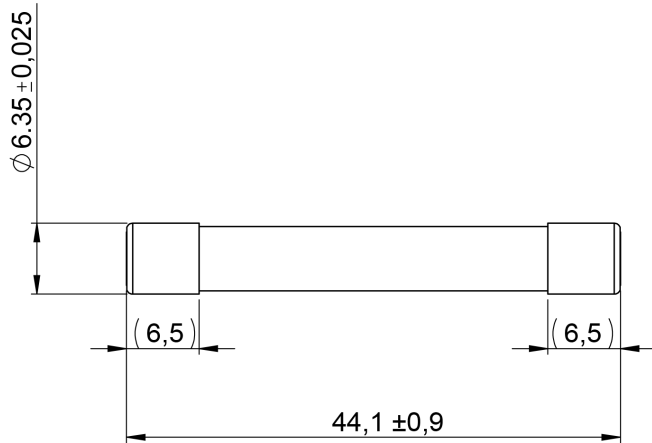


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DIMENSIONS

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Dimensions in mm