

# Protistor® size 27x60 gLB 440VDC

## SEMICONDUCTOR PROTECTION FUSES

### IEC HIGH-SPEED CYLINDRICAL FUSE-LINKS DC PROTECTION



Mersen DC offers provide a very high performant protection for railway power and auxiliary circuits. Mersen DC Semiconductor fuse-links were developed to provide improved performance required by today's new DC equipment. These fuse-links are typically operated at more elevated temperature than other fuse type, have lower  $I^2t$  to minimize damage to protected components on short circuits, lower watts loss and longer life.

## TECHNICAL DATA OVERVIEW

Voltage DC	440 VDC
Ampere Range (A)	125 ... 165 A
Speed/Characteristic	gLB
Product Size	27x60

## FEATURES & BENEFITS

- Clearing all overloads
- Improved safety and protection
- Enabling selective coordination among all
- Distribution circuit fuses
- With trip-indicator

## STANDARDS

- RoHS compliant



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## PRODUCT RANGE

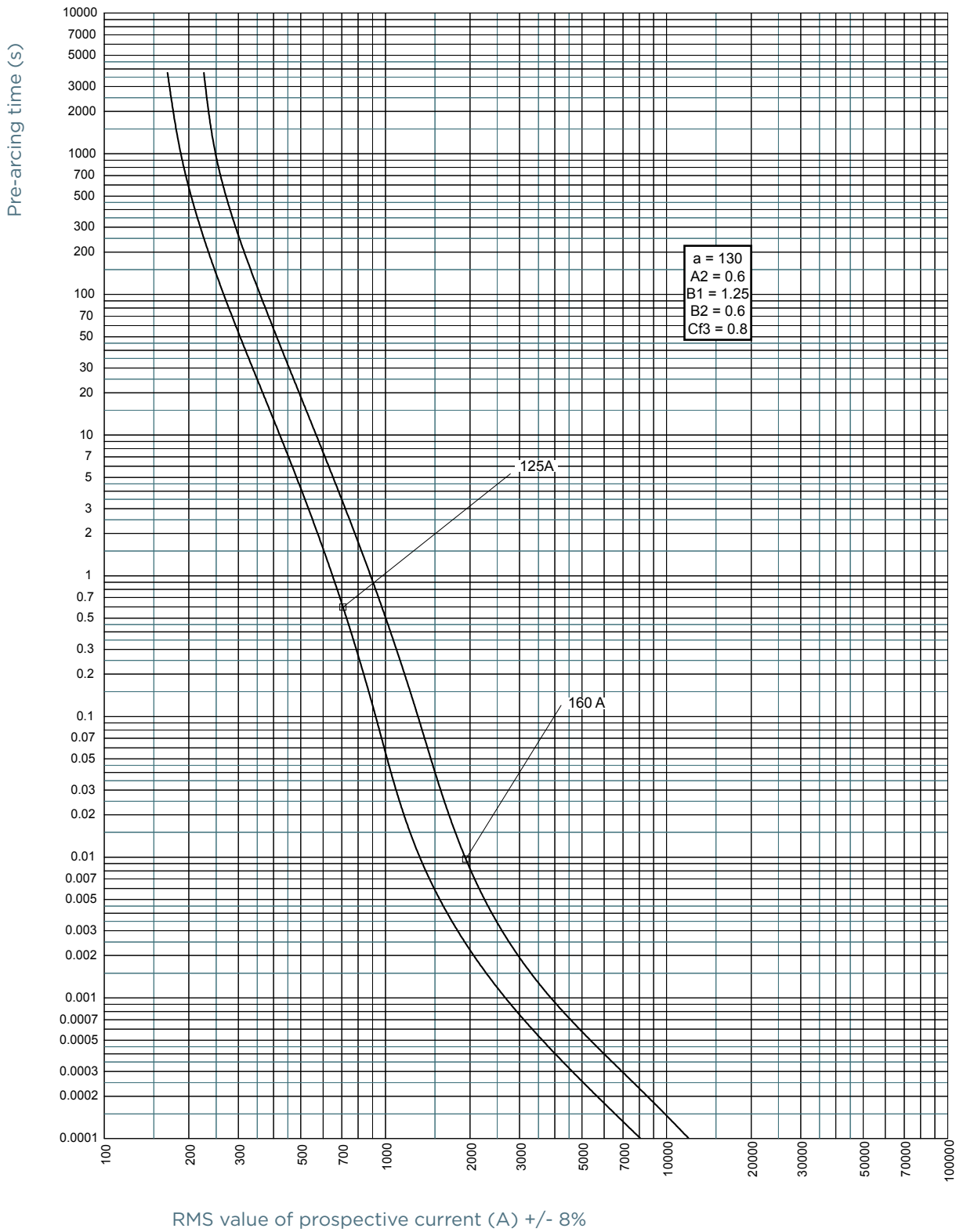
### Size 27x60 gLB 440VDC with striker

Catalog number	Item number	Rated voltage DC (IEC)	Rated current $I_n$	Rated breaking capacity DC	Rated breaking capacity DC @10ms	Rated breaking capacity DC @30ms	Power dissipation at 0.8 $I_n$	Power dissipation at $I_n$	Package	Weight
FD27GB44V125T	H098562	440 V	125 A	100 kA	100 kA	40 kA	12.6 W	22 W	10	80 g
FD27GB44V160T	M075704	440 V	160 A	100 kA	100 kA	40 kA	13.8 W	24.2 W	10	80 g

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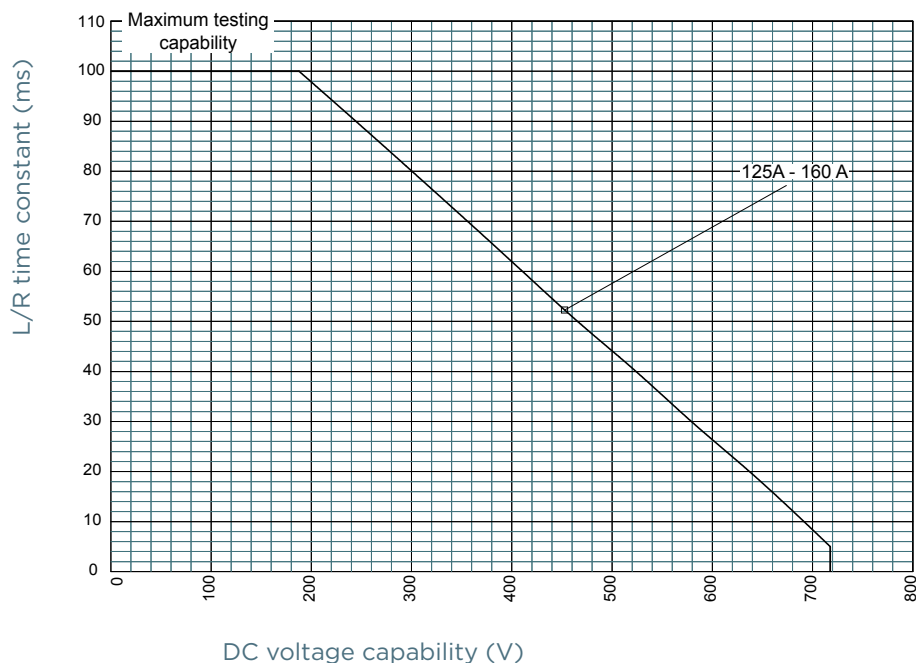
## TIME CURRENT CHARACTERISTIC CURVES



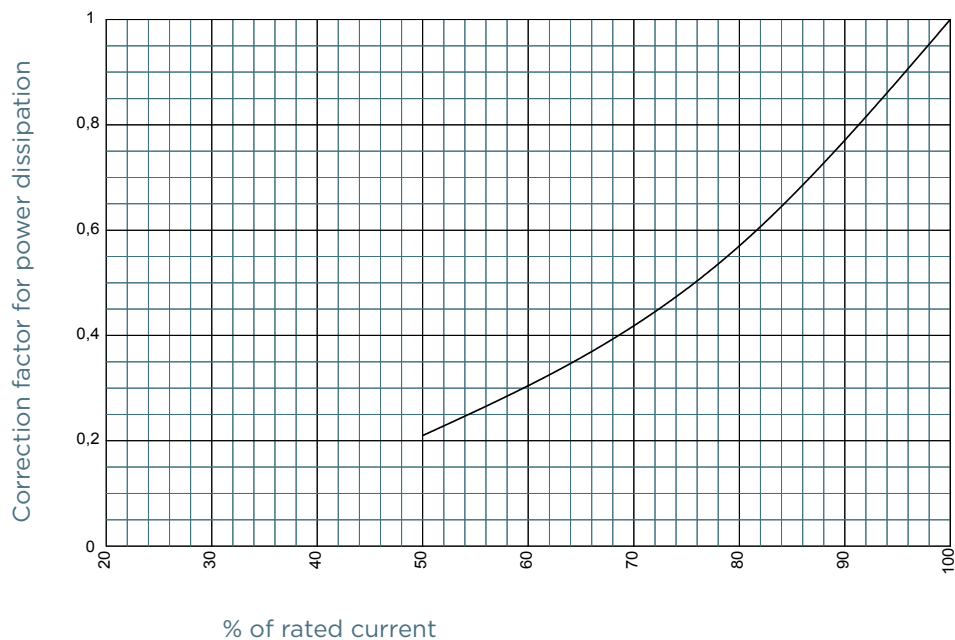
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## L/R TIME CONSTANT VS DC VOLTAGE CAPABILITY



## POWER DISSIPATION



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## DIMENSIONS

### CP27x60 gLB 440V

