

## Square Body High-Speed 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	750 VDC
Ampere Range (A)	200 ... 250 A
Speed/Characteristic	gR
Product Size	121



### Standards

UL/CSA Recognized Component  
IEC 60269-4 Compliance  
CCC GB 1539.4

## Product range

### Size 121 gR 750VDC blade contacts, with striker



Catalog number	Reference number	Size	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I <sub>n</sub>	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity DC	Power dissipation at I <sub>n</sub>	Design	Weight	Package
D121GC75V200EF	A086710	121	1 V	750 V	200 A	150000 A²s	100 kA	37.5 W	gRC	1023 g	1
D121GC75V250EF	M085203	121	1 V	750 V	250 A	250000 A²s	100 kA	46.7 W	gRC	1023 g	1

D121G-

### Size 121 gR 750VDC threads terminals, with striker



Catalog number	Reference number	Size	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I <sub>n</sub>	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity DC	Power dissipation at I <sub>n</sub>	Design	Weight	Package
D121GC75V200TF	N085250	121	1 V	750 V	200 A	150000 A²s	100 kA	37.5 W	gRC	880 g	1
D121GC75V250TF	Q085252	121	1 V	750 V	250 A	250000 A²s	100 kA	46.7 W	gRC	880 g	1

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