

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	4200 VDC
Ampere Range (A)	200 ... 375 A
Speed/Characteristic	aR
Product Size	602



Product range

Bracket size 602 SR 4000VDC

Catalog number	Reference number	Size	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I_n	Rated breaking capacity DC	Power dissipation at I_n	Design	Operating I^2t at Rated Voltage	Weight	Package
D602SF42C200QF	J079496	602	1 V	4200 V	200 A	60 kA	228 W	SRF	45000 A ² s	3560 g	1
D602SF42C250QF	K079497	602	1 V	4200 V	250 A	60 kA	232 W	SRF	100000 A ² s	3560 g	1
D602SF42C315QF	L079498	602	1 V	4200 V	315 A	60 kA	245 W	SRF	220000 A ² s	3560 g	1
D602SH42C375QF	H076643	602	1 V	4200 V	375 A	60 kA	280 W	SRH	195000 A ² s	3560 g	1