

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	2000 VDC
Ampere Range (A)	160 ... 400 A
Speed/Characteristic	aR
Product Size	122



Product range

Size 122 SR 2000VDC

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	Operating I^2t at Rated Voltage	Weight	Package
D122SD20C160QF	D076639	122	1 V	2000 V	160 A	100 kA	100 W	15000 A²s	1810 g	1
D122SD20C200QF	X079462	122	1 V	2000 V	200 A	100 kA	118 W	26000 A²s	1810 g	1
D122SD20C250QF	Y079463	122	1 V	2000 V	250 A	100 kA	131 W	50000 A²s	1810 g	1
D122SD20C315QF	Z079464	122	1 V	2000 V	315 A	100 kA	150 W	117000 A²s	1810 g	1
D122SD20C400QF	A079465	122	1 V	2000 V	400 A	100 kA	175 W	219000 A²s	1810 g	1