

Protistor® size 600 aR

3500 to 4200VDC

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.

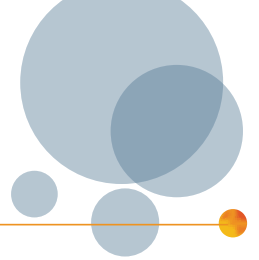
Technical data overview

Voltage Range DC	3500 ... 4200 VDC
Ampere Range (A)	10 ... 150 A
Speed/Characteristic	aR
Product Size	600



Protistor® size 600 aR

3500 to 4200VDC



Product range

Bracket size 600 SRB 3500 to 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	Weight	Package
D600SB35C10QF	E089405	600	1 V	3500 V	10 A	60 kA	12 W	SRB	1920 g	1
D600SB35C16QF	F089406	600	1 V	3500 V	16 A	60 kA	18 W	SRB	1920 g	1
D600SB40C20QF	G086946	600	1 V	4000 V	20 A	60 kA	23 W	SRB	1920 g	1
D600SB40C25QF	H086947	600	1 V	4000 V	25 A	60 kA	29 W	SRB	1920 g	1
D600SB40C32QF	J086948	600	1 V	4000 V	32 A	60 kA	36 W	SRB	1920 g	1

Bracket size 600 SRE 3500 to 4200VDC

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
D600SE42C40QF	C079490	600	1 V	4200 V	40 A	60 kA	100 W	SRE	480 A ² s	1920 g	1
D600SE42C50QF	D079491	600	1 V	4200 V	50 A	60 kA	103 W	SRE	1050 A ² s	1920 g	1
D600SE42C63QF	E079492	600	1 V	4200 V	63 A	60 kA	114 W	SRE	2100 A ² s	1920 g	1
D600SE42C80QF	F079493	600	1 V	4200 V	80 A	60 kA	128 W	SRE	3500 A ² s	1920 g	1
D600SE42C100QF	G079494	600	1 V	4200 V	100 A	60 kA	140 W	SRE	8000 A ² s	1920 g	1
D600SE42C125QF	H079495	600	1 V	4200 V	125 A	60 kA	147 W	SRE	16500 A ² s	1920 g	1
D600SE42C150QF	V079667	600	1 V	4200 V	150 A	60 kA	155 W	SRE	31000 A ² s	1920 g	1