

Protistor® size 20x127 gR (GRB/C/D)

1000 to 1500VDC

SEMICONDUCTOR PROTECTION FUSES

IEC HIGH-SPEED CYLINDRICAL FUSE-LINKS DC PROTECTION



Specially developed for DC applications, 20x127 gR cylindrical is a fast acting, full range fuse used in the protection of auxiliaries, control circuit and other measuring and monitoring devices.

TECHNICAL DATA OVERVIEW

Voltage Range DC	1000 ... 1500 VDC
Ampere Range (A)	6 ... 63 A
Speed/Characteristic	gR
Product Size	20x127 mm

FEATURES & BENEFITS

- International 20x127mm (13/16" x 5") for worldwide acceptance
- gR Class according to VDE 636-23 and IEC 60269-4
- Low I^2t for improved semiconductor protection
- Eliminate all overloads
- Extremely fast acting
- Current limiting
- Excellent cycling capability

APPLICATIONS

- DC control circuit, measuring & monitoring auxiliaries circuit

STANDARDS

- UL Recognized for some ratings
- UL file No. E76491
- IEC 60269-4 Compliance



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PRODUCT RANGE



FD20GB100V6T

Size 20x127 gR 1000VDC with striker

Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC	Power dissipation at I _n	Package	Weight
FD20GB100V6T	Z088020	1000 V	6 A	100 kA	3.5 W	10	97 g
FD20GB100V8T	T088774	1000 V	8 A	100 kA	3.8 W	10	97 g
FD20GB100V10T	A089493	1000 V	10 A	100 kA	4.2 W	10	97 g
FD20GB100V12T	B089494	1000 V	12 A	100 kA	5.3 W	10	97 g
FD20GB100V16T	C089495	1000 V	16 A	100 kA	6.6 W	10	97 g
FD20GB100V20T	D089496	1000 V	20 A	100 kA	7.7 W	10	97 g
FD20GB100V25T	E089497	1000 V	25 A	100 kA	9 W	10	97 g
FD20GB100V32T	F089498	1000 V	32 A	100 kA	10.5 W	10	97 g
FD20GC100V40T	S086795	1000 V	40 A	100 kA	13.2 W	10	97 g
FD20GC100V50T	F086186	1000 V	50 A	100 kA	15.5 W	10	97 g
FD20GC100V63T	F083656	1000 V	63 A	100 kA	17.4 W	10	97 g

Size 20x127 gR 1000VDC without striker

Catalog number	Item number	Rated voltage DC (IEC)	Rated current I _n	Rated breaking capacity DC	Power dissipation at I _n	Package	Weight
FD20GB100V6	N089482	1000 V	6 A	100 kA	3.5 W	10	0.1 kg
FD20GB100V8	P089483	1000 V	8 A	100 kA	3.8 W	10	0.1 kg
FD20GB100V10	Q089484	1000 V	10 A	100 kA	4.2 W	10	0.1 kg
FD20GB100V12	R089485	1000 V	12 A	100 kA	5.3 W	10	0.1 kg
FD20GB100V16	S089486	1000 V	16 A	100 kA	6.6 W	10	0.1 kg
FD20GB100V20	T089487	1000 V	20 A	100 kA	7.7 W	10	0.1 kg
FD20GB100V25	V089488	1000 V	25 A	100 kA	9 W	10	0.1 kg
FD20GB100V32	W089489	1000 V	32 A	100 kA	10.5 W	10	0.1 kg
FD20GC100V40	Z087054	1000 V	40 A	100 kA	13.2 W	10	0.1 kg
FD20GC100V50	K083660	1000 V	50 A	100 kA	15.5 W	10	0.1 kg
FD20GC100V63	J083659	1000 V	63 A	100 kA	17.4 W	10	0.1 kg

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