

# Protistor® size 73 gR

350 to 600VDC

## Square Body High-Speed Fuse-Links DC Protection

These Protistor® fuse-links provide maximum flexibility in equipment design and ultimate protection for today's power conversion equipment. These square body fuse-links are available in different body sizes, each size having multiple worldwide acceptable mounting styles.

The Protistor® have been engineered to provide state-of-the-art protection for semiconductors: diodes, thyristors, GTO's and IGBT devices. Fuses are assembled with pure silver, die-cut elements embedded in solidified sand, which helps control arcing characteristics for a lower  $I^2t$  and high interrupting rating level. All contact surfaces are silver plated and all hardware is non-magnetic.

All fuse-links can be equipped with a low voltage trip-indicator which can operate a field mountable microswitch.

### Features Benefits

- Multiple body sizes and terminals or blades combination
- gR Class according to IEC 60269-4 and VDE 636-23
- Low  $I^2t$  for improved semiconductor protection
- Extremely fast acting
- Eliminate all overloads
- Excellent cycling capability

### Applications

- Protection of inverters, motor drives, UPS systems and similar 600V or less equipments.

### Technical data overview

Voltage Range DC	350 ... 600 VDC
Ampere Range (A)	315 ... 1000 A
Speed/Characteristic	gR
Product Size	73



### Standards

IEC 60269-4 Compliance

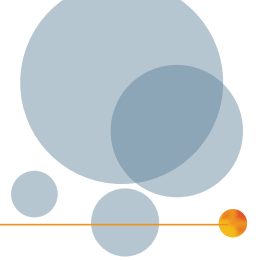
UL/CSA Recognized E76491

CCC GB 1359.4



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## Product range

### Size 73 type TTF-with one ISO metric threaded hole

Catalog number	Reference number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current $I_n$	Pre-arcing $I^2t$	Power dissipation at $I_n$	Weight	Package
D73GB60V315TF	P302095	600 V	650 V	315 A	11796 A <sup>2</sup> s	66 W	1106 g	1
D73GB60V400TF	Q302096	600 V	650 V	400 A	26542 A <sup>2</sup> s	68 W	1106 g	1
D73GB60V450TF	R302097	600 V	450 V	450 A	34113 A <sup>2</sup> s	71 W	1106 g	1
D73GB60V500TF	S302098	600 V	650 V	500 A	47309 A <sup>2</sup> s	79 W	1106 g	1
D73GB55V550TF	T302099	550 V	600 V	550 A	68007 A <sup>2</sup> s	84 W	1106 g	1
D73GB55V630TF	V302100	550 V	600 V	630 A	101610 A <sup>2</sup> s	89 W	1106 g	1
D73GB45V700TF	Y302218	450 V	500 V	700 A	138970 A <sup>2</sup> s	94 W	1106 g	1
D73GB45V800TF	L234058	450 V	500 V	800 A	226868 A <sup>2</sup> s	96 W	1106 g	1
D73GB35V900TF	B302681	350 V	400 V	900 A	278855 A <sup>2</sup> s	109 W	1106 g	1
D73GB35V1000TF	M302645	350 V	400 V	1000 A	385793 A <sup>2</sup> s	115 W	1106 g	1

### Size 73 type EF style notched blade connections

Catalog number	Reference number	Rated voltage DC (IEC)	Rated voltage DC (UL)	Rated current $I_n$	Pre-arcing $I^2t$	Power dissipation at $I_n$	Weight	Package
D73GB55V550EF	G233019	550 V	600 V	550 A	68007 A <sup>2</sup> s	84 W	1375 g	1