

10x38 gR Semiconductor Protection Fuses

The 10x38 gR is a fast acting, full range fuse utilized in the protection of inverters, UPS and other discrete semi-conductor devices

Features/Benefits:

- International 10 X 38 mm (1 1/2" X 13/32") size for worldwide acceptance
- Ferrule mount 1 to 32A for design versatility
- Low I²t for improved semiconductor protection
- gR Class according to VDE 636-23 and IEC 269.4

Highlights:

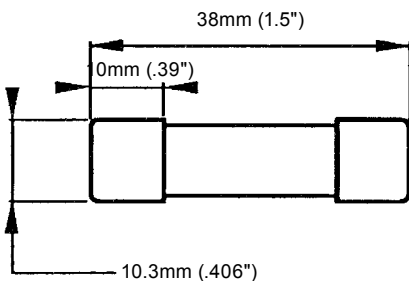
- Extremely fast acting
- Current limiting
- Low I²t for improved semiconductor protection
- Excellent cycling capability
- gR

Applications:

- Protection of small inverters, UPS systems, motor drives and similar 700V or less equipment

Catalog Numbers (amps)

Body Size (mm)	Ampere Rating	Rated Voltage (VAC)	Melting I ² t (A ² s)	Clearing I ² t @ Rated Voltage (A ² s)	Watts Loss		Description	Catalog No.
					@ 80% Rated Current	@ 100% Rated Current		
10 X 38	1	700	0.17	0.48	0.4	0.8	FR10GR69V1	L1014563
	1.25		0.17	0.55	0.8	1.5	FR10GR69V1.25	N1014565
	1.5		0.31	0.8	0.6	1.5	FR10GR69V1.5	P1014566
	2		0.94	2.5	0.7	1.3	FR10GR69V2	Q1014567
	2.5		1.65	4.5	0.8	1.4	FR10GR69V2.5	T1014570
	3		2.83	7.8	0.9	1.5	FR10GR69V3	V1014571
	4		6.7	12	1	1.7	FR10GR69V4	W1014572
	5		7.5	30	0.6	0.9	FR10GR69V5	X1014573
	6		8.5	40	0.8	1.4	FR10GR69V6	Y1014574
	8		5.4	35	1.1	1.9	FR10GR69V8	Z1014575
	10		8.7	55	1.2	2.1	FR10GR69V10	A1014576
	12.5		11	90	1.3	2.8	FR10GR69V12	C1014578
	16		19	140	1.7	3	FR10GR69V16	D1014579
	20		39	245	2.1	3.7	FR10GR69V20	E1014580
	25		69	425	2.4	4.3	FR10GR69V25	F1014581
	30		107	675	2.7	4.8	FR10GR69V30	G1014582
32	154	945	2.8	5.1	FR10GR69V32	H1014583		



Ratings:

- Volts : 700VAC
 : 500VDC
 Amps : 1 to 32A
 I.R. : 160kA I.R. AC
 : 10kA I.R. DC
 L/R : 10ms

Approvals:

- UL recognized component
 UL file E76491
- IEC 269-4 compliance
- AC: UL guide no. JFHR2

