

IEC Low Voltage General Purpose Protection

Ferrule fuse-links

14x51 gG 500 to 690VAC from 1 to 50A

Ferraz Shawmut aM and gG fuse-links cover a wide range of physical sizes and ampere ratings for 400, 500, and 690VAC for protection in electrical distribution circuits and various industrial applications. Most ratings are available in size 8x31 and size 10x38 with an optional indicator, and in size 14x51 and 22x58 with an optional striker to activate an auxiliary contact. All cylindrical fuse-links have ceramic bodies and silver-plated ferrules. Our technology and process was designed to ensure highly reliable technical performance.



Benefits

- Small size
- Full range protection
- Safest and most reliable protection system
- High limiting and breaking capacity
- Striker version available for remote blown fuse indication
- Low power dissipation

Applications

gG type for protection of line, cable against overload and short circuit in various industrial application and electrical distribution circuits.

14x51 gG fuse-links without striker

Size	Class	Nominal Current (A)	Rated Voltage (V)	Catalog Number w/o striker	Reference Number w/o striker	Rated Voltage (V)	Catalog Number w/o striker	Reference Number w/o striker
14x51	gG	1	690	FR14GG69V1	K218716	-	-	-
14x51	gG	2	690	FR14GG69V2	Y219234	-	-	-
14x51	gG	4	690	FR14GG69V4	A219765	-	-	-
14x51	gG	6	690	FR14GG69V6	H222210	-	-	-
14x51	gG	8	690	FR14GG69V8	D222965	-	-	-
14x51	gG	10	690	FR14GG69V10	L200754	-	-	-
14x51	gG	12	690	FR14GG69V12	L201812	-	-	-
14x51	gG	16	690	FR14GG69V16	A211554	-	-	-
14x51	gG	20	690	FR14GG69V20	Z212588	-	-	-
14x51	gG	25	690	FR14GG69V25	C213603	-	-	-
14x51	gG	32	690	FR14GG69V32	L1010170	500	FR14GG50V32	W216656
14x51	gG	40	690	FR14GG69V40	P1010173	500	FR14GG50V40	X218198
14x51	gG	50	690	FR14GG69V50	Q1010174	500	FR14GG50V50	Z219235

14x51 gG fuse-links with striker

Size	Class	Nominal Current (A)	Rated Voltage (V)	Catalog Number with striker	Reference Number with striker
14x51	gG	2	500	FR14GG50V2P	J211033
14x51	gG	4	500	FR14GG50V4P	H212067
14x51	gG	6	500	FR14GG50V6P	G214113
14x51	gG	8	500	FR14GG50V8P	R215134
14x51	gG	10	500	FR14GG50V10P	Z216153
14x51	gG	12	500	FR14GG50V12P	L217176
14x51	gG	16	500	FR14GG50V16P	Z218200
14x51	gG	20	500	FR14GG50V20P	B219237
14x51	gG	25	500	FR14GG50V25P	L222213
14x51	gG	32	500	FR14GG50V32P	P200757
14x51	gG	40	500	FR14GG50V40P	P201815
14x51	gG	50	500	FR14GG50V50P	D211557

Ratings

690VAC 1 to 50A
120kA breaking capacity

Standards & Approvals

IEC 60269-1 & -2

Approved by Lloyd's Register of Shipping and Bureau Veritas

RoHS Compliant



Related products

Fuse-holders: Modulostar® CMS14

Materials: body: ceramic
Materials: contact: silver plated copper

Product weight: 21g
Packaging: 10 pieces

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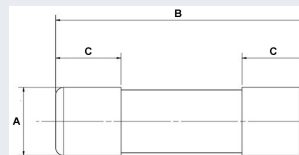
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Size	Nominal Current (A)	Breaking Capacity @ Rated Voltage (kA)	Watts Loss @ 100% In (W)
14x51	1	120	0.6
14x51	2	120	0.75
14x51	4	120	1.1
14x51	6	120	1.25
14x51	8	120	1.45
14x51	10	120	1.65
14x51	12	120	1.8
14x51	16	120	2.35
14x51	20	120	2.75
14x51	25	120	3.1
14x51	32	120	3.6
14x51	40	120	4
14x51	50	120	4.8

Dimensions (mm)



Size	A	B	C
14x51	14.3	51	13.8

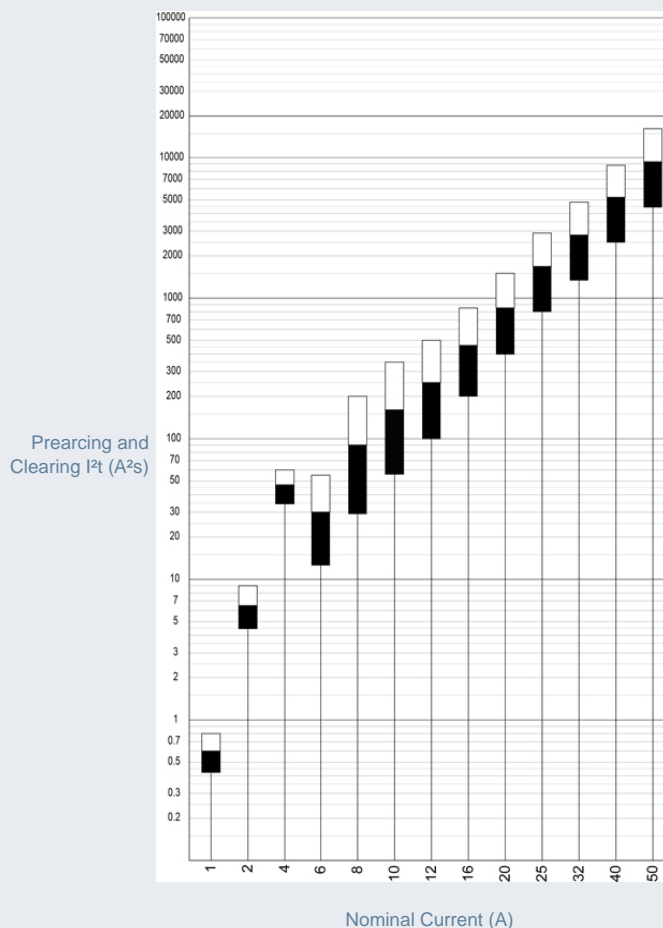
Striker



Before

After

Characteristics I²t



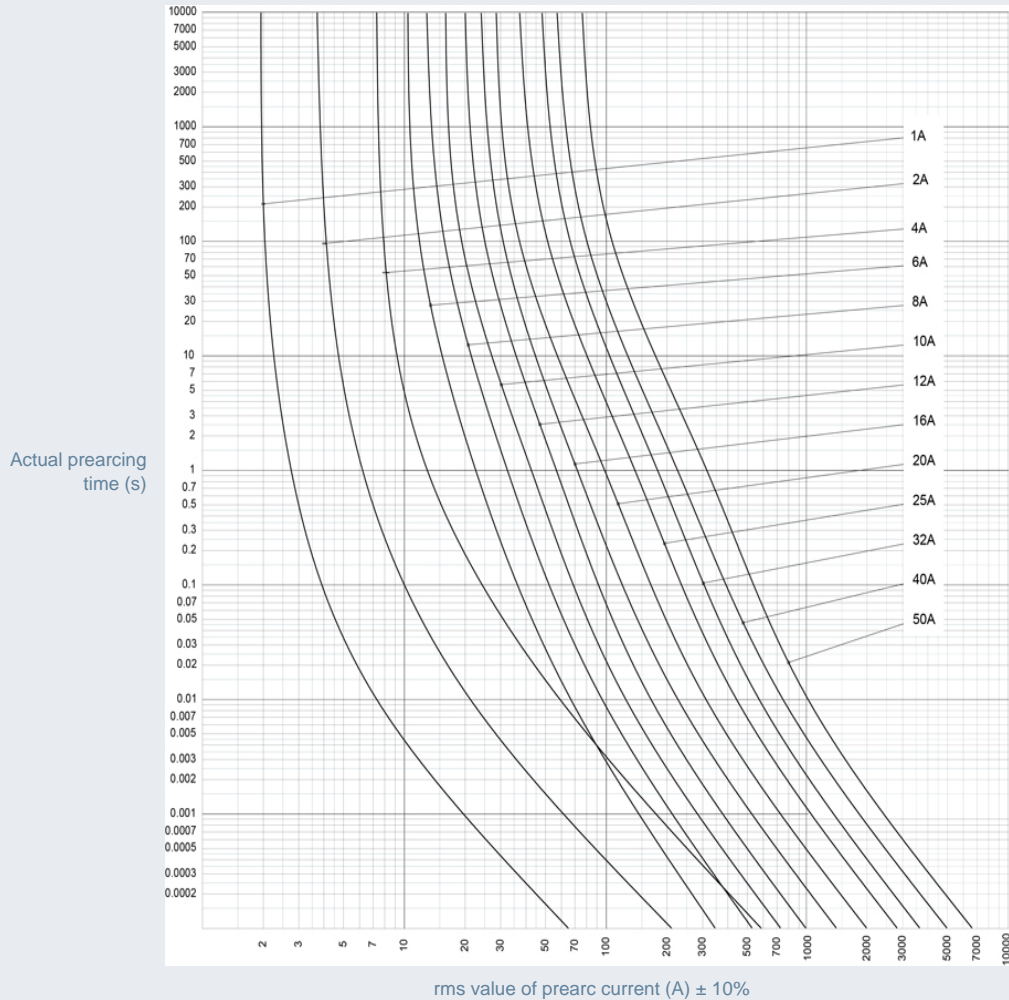
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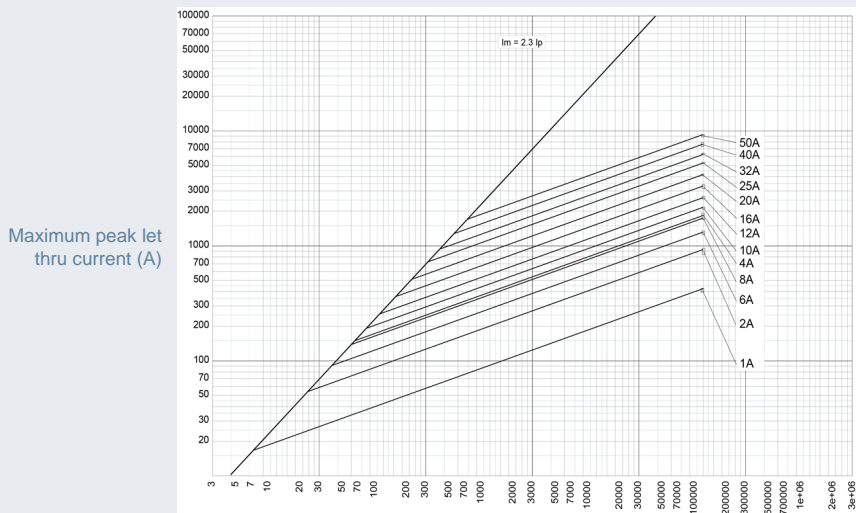


Time current characteristics



rms value of prearc current (A) $\pm 10\%$

Peak let thru characteristics



50 Hz rms symmetrical prospective current (I_p) (A)