

IEC Low Voltage General Purpose Protection

Ferrule fuse-links

8x31 aM 400VAC from 1 to 12A

Data Sheet

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

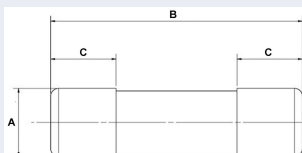
- Small size
- Safest and most reliable protection system
- High limiting and breaking capacity
- Visual blown fuse indication
- Low power dissipation

Applications

aM type for protection of motors, transformers and other loads with in-rush currents.

Size	Rated Voltage (V)	Nominal Current (A)	Class	Catalog Number	Reference Number
8x31	400	1	aM	FR8AM40V1	C217168
8x31	400	2	aM	FR8AM40V2	R218193
8x31	400	4	aM	FR8AM40V4	S219229
8x31	400	6	aM	FR8AM40V6	C222205
8x31	400	8	aM	FR8AM40V8	F200749
8x31	400	10	aM	FR8AM40V10	W201292
8x31	400	12	aM	FR8AM40V12	V1007188

Dimensions (mm)



Size	A	B	C
8x31	8.5	31.5	6.7

Ratings

400VAC 1 to 12A
20kA breaking capacity

Standards & Approvals

IEC 60269-1 & -2

RoHS Compliant



Related products

Fuse-holders: Modulostar® CMS8

Materials: body: ceramic

Materials: contact: silver plated copper

Product weight: 4.4g

Packaging: 10 pieces

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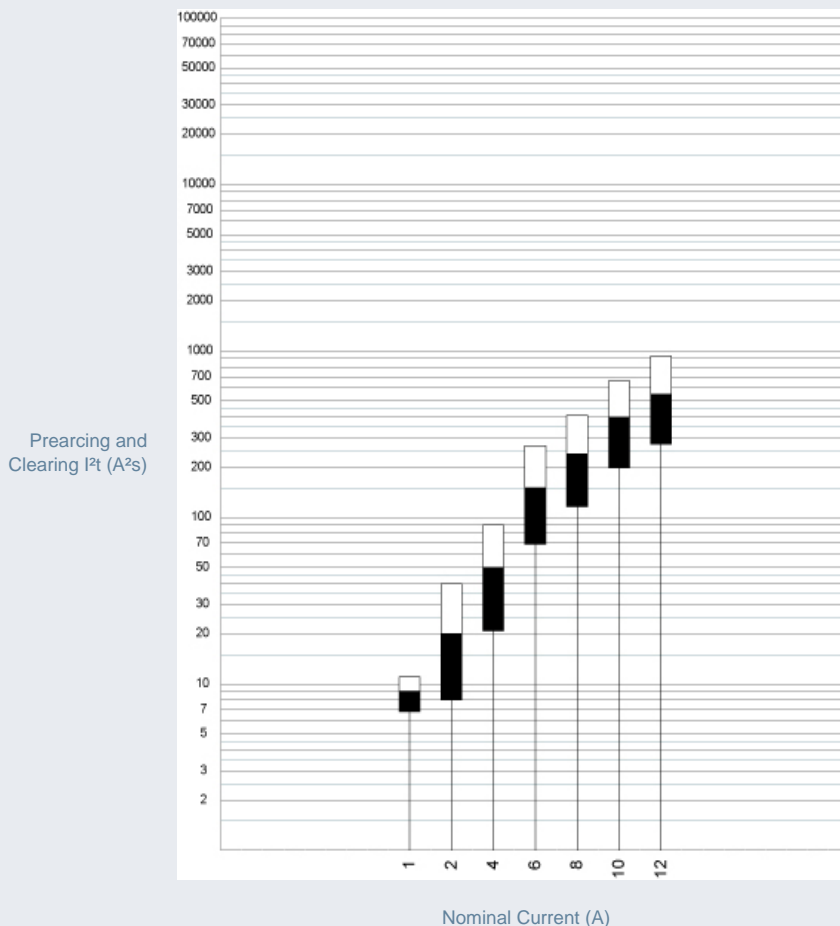
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Size	Rated Voltage (V)	Nominal Current (A)	Breaking Capacity @ Rated Voltage (kA)	Watts Loss @ 100% In (W)
8x31	400	1	20	0.09
8x31	400	2	20	0.15
8x31	400	4	20	0.26
8x31	400	6	20	0.35
8x31	400	8	20	0.47
8x31	400	10	20	0.55
8x31	400	12	20	0.7

Characteristics I^2t



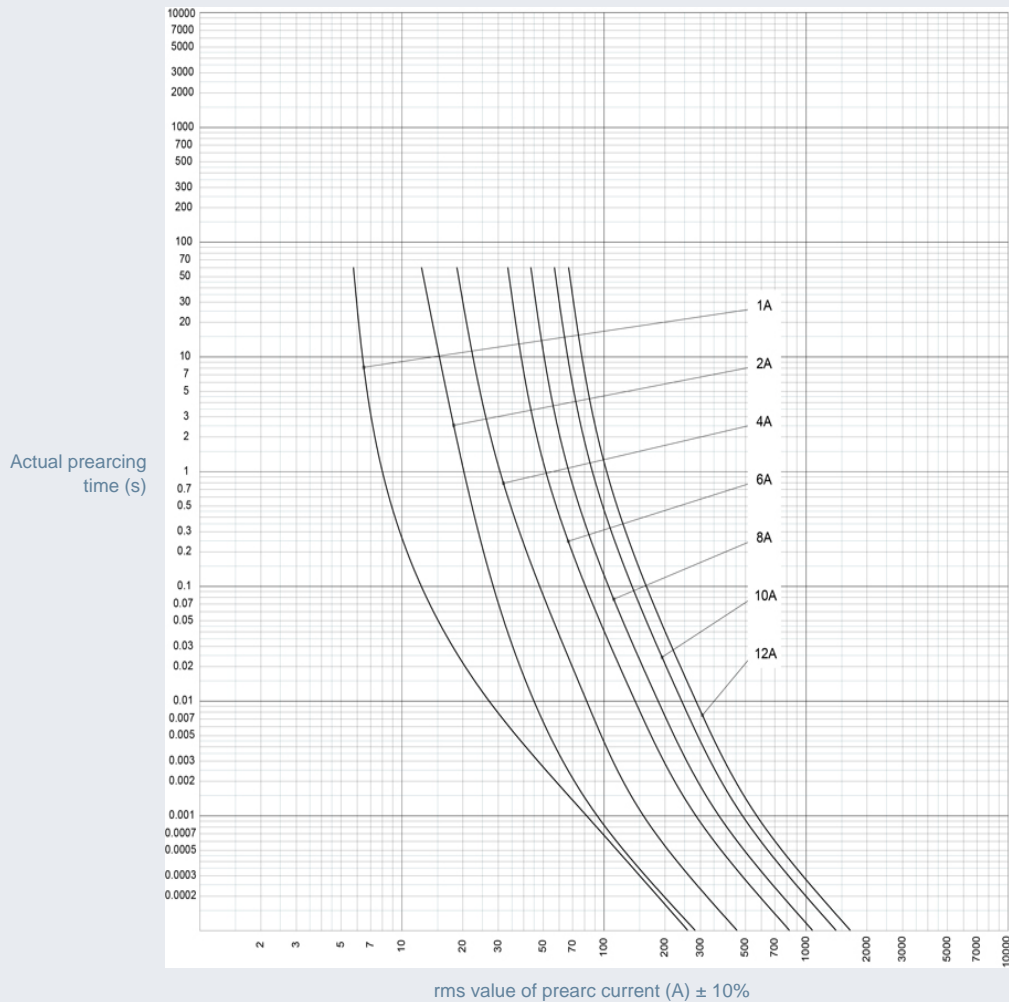
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Time current characteristics



Peak let thru characteristics

