Ferrule fuse-links 10x38 gG 400 to 690VAC

IEC Cylindrical Fuse-Links

Mersen 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. Size 10x38 is also available with striker. All cylindrical fuse-links have ceramic bodies and silver-plated contacts.

Cylindrical fuse-links “gG” are used for the protection of cables, motors and LV-networks. They limit and cut off unacceptable overcurrents and short-circuit currents up to their nominal breaking capacity. Cylindrical fuse-links “gG” also protect electrical equipment and installations against the dynamic effect of high short-currents.

Our technology and process was designed to ensure highly reliable technical performance.

Features Benefits

- Reduced size
- Full range protection
- Visual indication of fuse operation
- Safest and most reliable protection system

Applications

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

Technical data overview

Voltage Range AC	400 ... 690 VAC
Ampere Range (A)	0.5 ... 32 A
Speed/Characteristic	gG
I.R. AC (kA)	120 kA
Body Material	Ceramic
Contact Materials	Silver plated copper
Product Size	10x38 mm

Standards

IEC 60269-1 & -2 (electrically only for the range with striker)

Approved by Lloyd’s Register of Shipping and Bureau Veritas

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Product range

FR10G-G50V0.5

Size 10,3x38 400/500VAC without indicator

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I_n	Rated breaking capacity AC	Power dissipation at I_n	Weight
FR10GG50V0.5	C211027	500 V	0.5 A	120 kA	0.07 W	8.3 g
FR10GG50V1	B212061	500 V	1 A	120 kA	0.45 W	8.3 g
FR10GG50V2	D213098	500 V	2 A	120 kA	0.5 W	8.3 g
FR10GG50V4	X213598	500 V	4 A	120 kA	0.85 W	8.3 g
FR10GG50V6	K215128	500 V	6 A	120 kA	0.95 W	8.3 g
FR10GG50V8	D217169	500 V	8 A	120 kA	1.15 W	8.3 g
FR10GG50V12	W219761	500 V	12 A	120 kA	1.4 W	8.3 g
FR10GG50V10	S218194	500 V	10 A	120 kA	1.3 W	8.3 g
FR10GG50V16	G200750	500 V	16 A	120 kA	1.9 W	8.3 g
FR10GG50V20	D211028	500 V	20 A	120 kA	2.4 W	8.3 g
FR10GG50V25	E213099	500 V	25 A	120 kA	2.7 W	8.3 g
FR10GG40V32	A214107	400 V	32 A	120 kA	2.8 W	8.3 g

FR10G-G50V2I

Size 10,3x38 400/500VAC with indicator

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I_n	Rated breaking capacity AC	Power dissi-pation at I_n	Weight
FR10GG50V2I	S216653	500 V	2 A	120 kA	0.5 W	8.3 g
FR10GG50V4I	E217170	500 V	4 A	120 kA	0.85 W	8.3 g
FR10GG50V6I	T218195	500 V	6 A	120 kA	0.95 W	8.3 g
FR10GG50V8I	V219231	500 V	8 A	120 kA	1.15 W	8.3 g
FR10GG50V10I	E222207	500 V	10 A	120 kA	1.3 W	8.3 g
FR10GG50V12I	H200751	500 V	12 A	120 kA	1.4 W	8.3 g
FR10GG50V16I	H201809	500 V	16 A	120 kA	1.9 W	8.3 g
FR10GG50V20I	X211551	500 V	20 A	120 kA	2.4 W	8.3 g
FR10GG50V25I	W212585	500 V	25 A	120 kA	2.7 W	8.3 g
FR10GG40V32I	Z213600	400 V	32 A	120 kA	2.8 W	8.3 g

Size 10,3x38 250/400VAC with striker

Catalog number	Reference number	Rated voltage AC (IEC)	Rated current I_n	Rated breaking capacity AC	Power dissipation at I_n	Weight
FR10GG40V2P	G083703	400 V	2 A	100 kA	0.6 W	9.2 g
FR10GG40V4P	D084758	400 V	4 A	100 kA	0.75 W	9.2 g
FR10GG40V6P	Y084799	400 V	6 A	100 kA	0.9 W	9.2 g
FR10GG40V8P	F083955	400 V	8 A	100 kA	1 W	9.2 g
FR10GG40V10P	A084801	400 V	10 A	100 kA	1.1 W	9.2 g
FR10GG40V12P	G083956	400 V	12 A	100 kA	1.25 W	9.2 g
FR10GG40V16P	X084798	380 V	16 A	100 kA	1.35 W	9.2 g
FR10GG40V20P	Z084800	380 V	20 A	100 kA	1.45 W	9.2 g
FR10GG25V25P	H083957	250 V	25 A	100 kA	1.7 W	9.2 g
FR10GG25V32P	E083954	250 V	32 A	100 kA	2.2 W	9.2 g

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