Offset Tag fuse-links gM 550VAC/250VDC

LOW VOLTAGE IEC FUSES

BS FUSE-LINKS



FEATURES & BENEFITS

- Excellent current limitation for all overloads

APPLICATIONS

- These fuses are designed for : “General purpose use” motor protection (gM type)

STANDARDS

- EN 60269-2
- BS88-2

The fuse complies with standard EN 60269-2 and standard BS 88 part 2. These fuses are designed for : “General purpose use” motor protection (gM type). This fuse range insures an excellent current limitation for all overloads on a large range of applications. Their size cannot allow exchange by other fuses of higher rating in their range. They are screwed into fuseholders or bolted directly onto busbars, or in fuse interrupters disconnectors.

TECHNICAL DATA OVERVIEW

Current Range In	10M16 to 25M32 A
Rated voltage AC (IEC)	550 V
Rated voltage DC (IEC)	250 V
Breaking capacity AC	80 kA
Breaking capacity DC	40 kA
Speed/Characteristic	gM
Body Material	Ceramic
BS type	BNIT, BTIA

©2024 Mersen. All rights reserved. Mersen reserves the right to change, adapt, limit or discontinue its products. Therefore the data provided herein are for information only and are not contractually binding. To ensure that Mersen provides the best solution to your needs, please contact and provide Mersen with all relevant technical specifications and conditions.

Offset Tag fuse-links gM 550VAC/250VDC

PRODUCT RANGE



BNIT55V20M32

Type A1 550VAC/250VDC gM BNIT

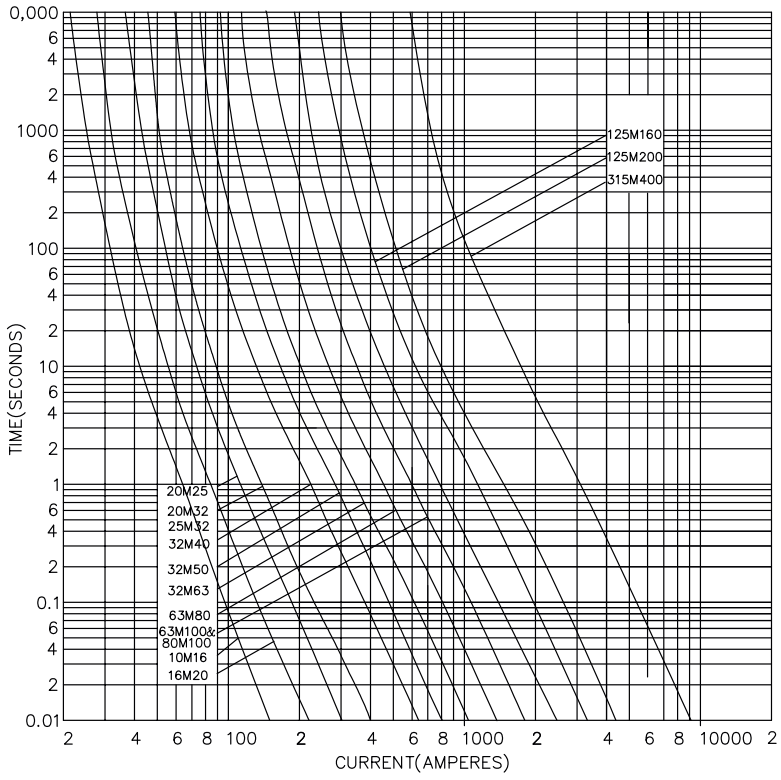
Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Current rating In M Ich	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissi-pation at I_n	Weight
BNIT55V10M16	G1019228	550 V	250 V	10M16 A	120 A^2s	550 A^2s	80 kA	40 kA	1 W	16 g
BNIT55V16M20	H1019229	550 V	250 V	16M20 A	250 A^2s	1250 A^2s	80 kA	40 kA	1.36 W	16 g
BNIT55V20M25	J1019230	550 V	250 V	20M25 A	420 A^2s	2100 A^2s	80 kA	40 kA	1.6 W	16 g
BNIT55V20M32	K1019231	550 V	250 V	20M32 A	670 A^2s	3350 A^2s	80 kA	40 kA	1.8 W	16 g
BNIT55V25M32	R1019237	550 V	250 V	25M32 A	670 A^2s	3350 A^2s	80 kA	40 kA	2.3 W	16 g

Type A2C 550VAC/250VDC gM BTIA

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Current rating In M Ich	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissi-pation at I_n	Weight
BTIA55V10M16	B1019246	550 V	250 V	10M16 A	120 A^2s	550 A^2s	80 kA	40 kA	1 W	20 g
BTIA55V16M20	C1019247	550 V	250 V	16M20 A	250 A^2s	1250 A^2s	80 kA	40 kA	1.36 W	20 g
BTIA55V20M25	D1019248	550 V	250 V	20M25 A	420 A^2s	2100 A^2s	80 kA	40 kA	1.6 W	20 g
BTIA55V20M32	E1019249	550 V	250 V	20M32 A	670 A^2s	3350 A^2s	80 kA	40 kA	1.8 W	20 g
BTIA55V25M32	F1019250	550 V	250 V	25M32 A	670 A^2s	3350 A^2s	80 kA	40 kA	2.3 W	20 g

TIME CURRENT CHARACTERISTIC CURVES

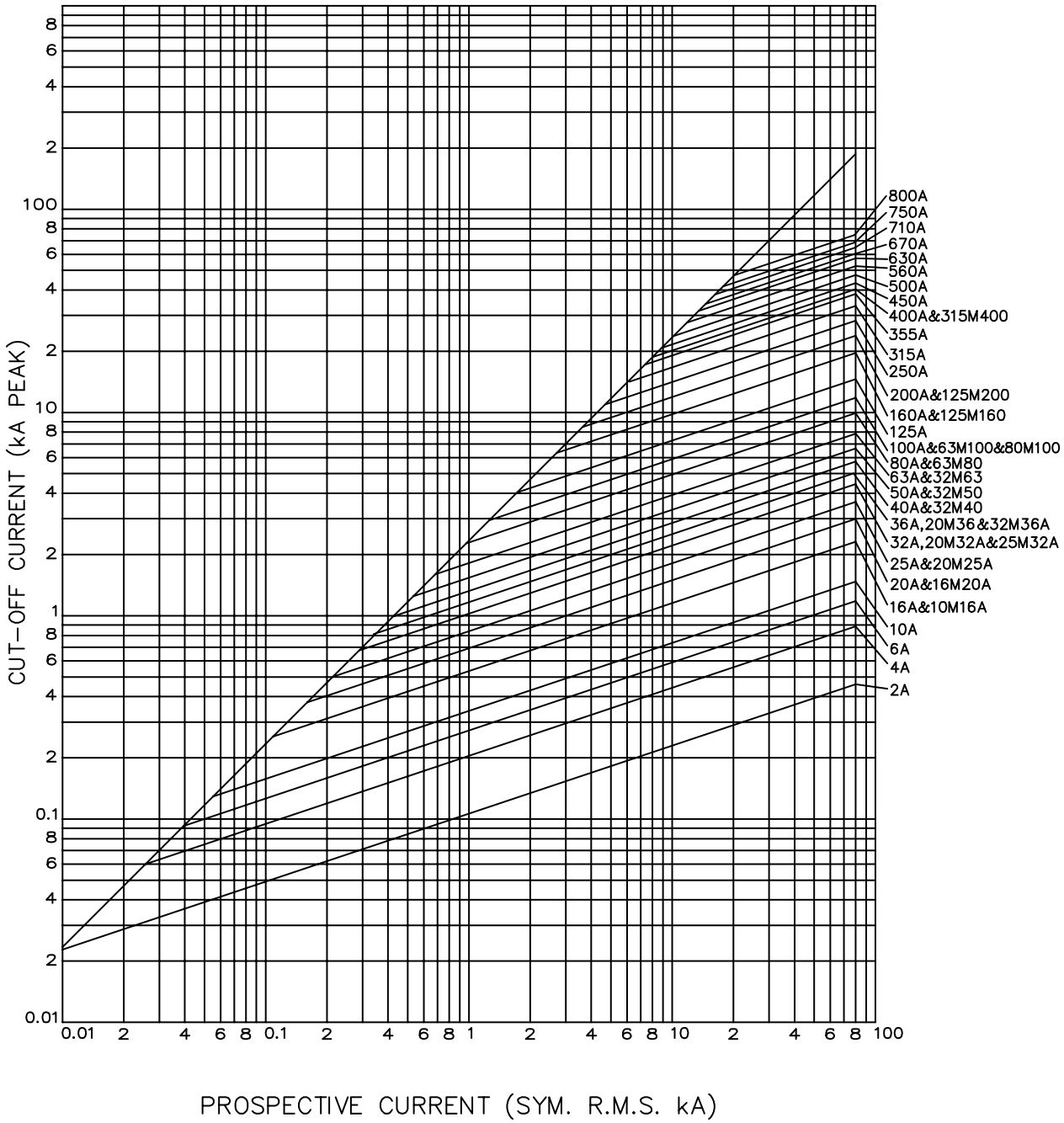
gM curves - 10M16 to 25M32 A - 550VAC / 250VDC



©2024 Mersen. All rights reserved. Mersen reserves the right to change, adapt, limit or discontinue its products. Therefore the data provided herein are for information only and are not contractually binding. To ensure that Mersen provides the best solution to your needs, please contact and provide Mersen with all relevant technical specifications and conditions.

CUT-OFF CURRENT CHARACTERISTIC

A Type - 550VAC / 250VDC



©2024 Mersen. All rights reserved. Mersen reserves the right to change, adapt, limit or discontinue its products. Therefore the data provided herein are for information only and are not contractually binding. To ensure that Mersen provides the best solution to your needs, please contact and provide Mersen with all relevant technical specifications and conditions.

DIMENSIONS

A1 BNIT / A2C BTIA

Fig.1

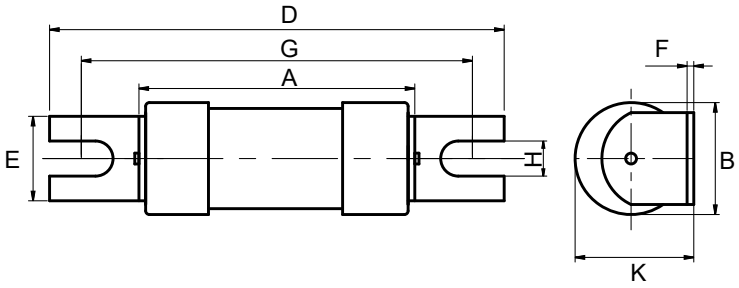
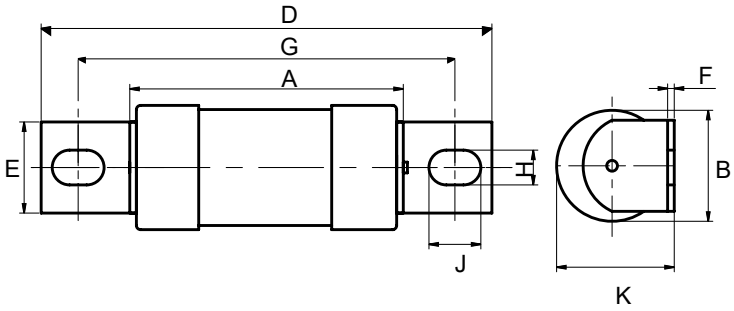


Fig.2



Dimensions in mm

Fig.	BS REF	Fuse Type	Current rating (A)	A MAX	B MAX	D MAX	E MAX	F NOM	G NOM	H NOM	K MAX
1	A1	BNIT	10M16, 16M20, 20M25, 20M32, 25M32	35.5	13.5	56	11.2	0.8	44.5	4.8	14.5
2	A2C	BTIA	10M16, 16M20, 20M25, 20M32, 25M32	35.5	13.5	86	9.2	73	8	5.5	14.5

EP.MERSEN.COM

©2024 Mersen. All rights reserved. Mersen reserves the right to change, adapt, limit or discontinue its products. Therefore the data provided herein are for information only and are not contractually binding. To ensure that Mersen provides the best solution to your needs, please contact and provide Mersen with all relevant technical specifications and conditions.

Expertise, our source of energy