Offset Tag fuse-links gG 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” protection (gG 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” protection (gG 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	2 to 32 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	gG
Body Material	Ceramic

©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 gG 550VAC/250VDC

PRODUCT RANGE



BNIT55V32

Type A1 550VAC/250VDC gG BNIT

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I_n	Weight
BNIT55V2	E1006576	550 V	250 V	2 A	1 A²s	5 A²s	80 kA	40 kA	0.9 W	16.5 g
BNIT55V4	F1006577	550 V	250 V	4 A	7.6 A²s	38 A²s	80 kA	40 kA	1.5 W	16.5 g
BNIT55V6	G1006578	550 V	250 V	6 A	28 A²s	40 A²s	80 kA	40 kA	1.8 W	16.5 g
BNIT55V10	B1019223	550 V	250 V	10 A	70 A²s	350 A²s	80 kA	40 kA	1.2 W	16.5 g
BNIT55V16	C1019224	550 V	250 V	16 A	120 A²s	550 A²s	80 kA	40 kA	1.6 W	16.5 g
BNIT55V20	D1019225	550 V	250 V	20 A	250 A²s	1250 A²s	80 kA	40 kA	1.7 W	16.5 g
BNIT55V25	E1019226	550 V	250 V	25 A	420 A²s	2100 A²s	80 kA	40 kA	2 W	16.5 g
BNIT55V32	F1019227	550 V	250 V	32 A	670 A²s	3350 A²s	80 kA	40 kA	2.9 W	16.5 g



BTIA55V10

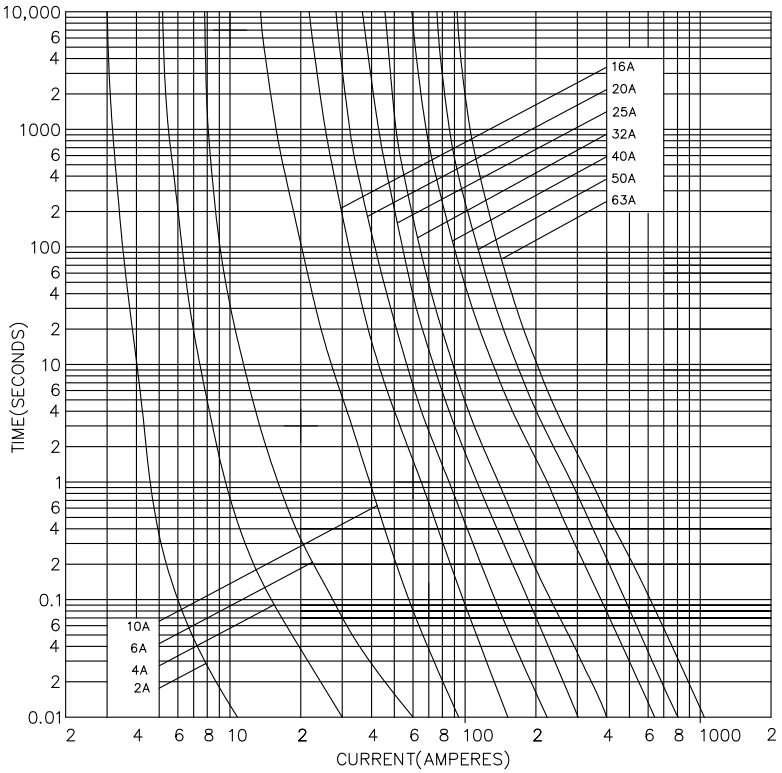
Type A2C 550VAC/250VDC gG BTIA

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I_n	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
BTIA55V2	S1019238	550 V	250 V	2 A	1 A²s	5 A²s	80 kA	40 kA	0.9 W	20 g
BTIA55V4	T1019239	550 V	250 V	4 A	7.6 A²s	38 A²s	80 kA	40 kA	1.5 W	20 g
BTIA55V6	V1019240	550 V	250 V	6 A	28 A²s	40 A²s	80 kA	40 kA	1.8 W	20 g
BTIA55V10	W1019241	550 V	250 V	10 A	70 A²s	350 A²s	80 kA	40 kA	1.2 W	20 g
BTIA55V16	X1019242	550 V	250 V	16 A	120 A²s	550 A²s	80 kA	40 kA	1.6 W	20 g
BTIA55V20	Y1019243	550 V	250 V	20 A	250 A²s	1250 A²s	80 kA	40 kA	1.7 W	20 g
BTIA55V25	Z1019244	550 V	250 V	25 A	420 A²s	2100 A²s	80 kA	40 kA	2 W	20 g
BTIA55V32	A1019245	550 V	250 V	32 A	670 A²s	3350 A²s	80 kA	40 kA	2.9 W	20 g

©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.

TIME CURRENT CHARACTERISTIC CURVES

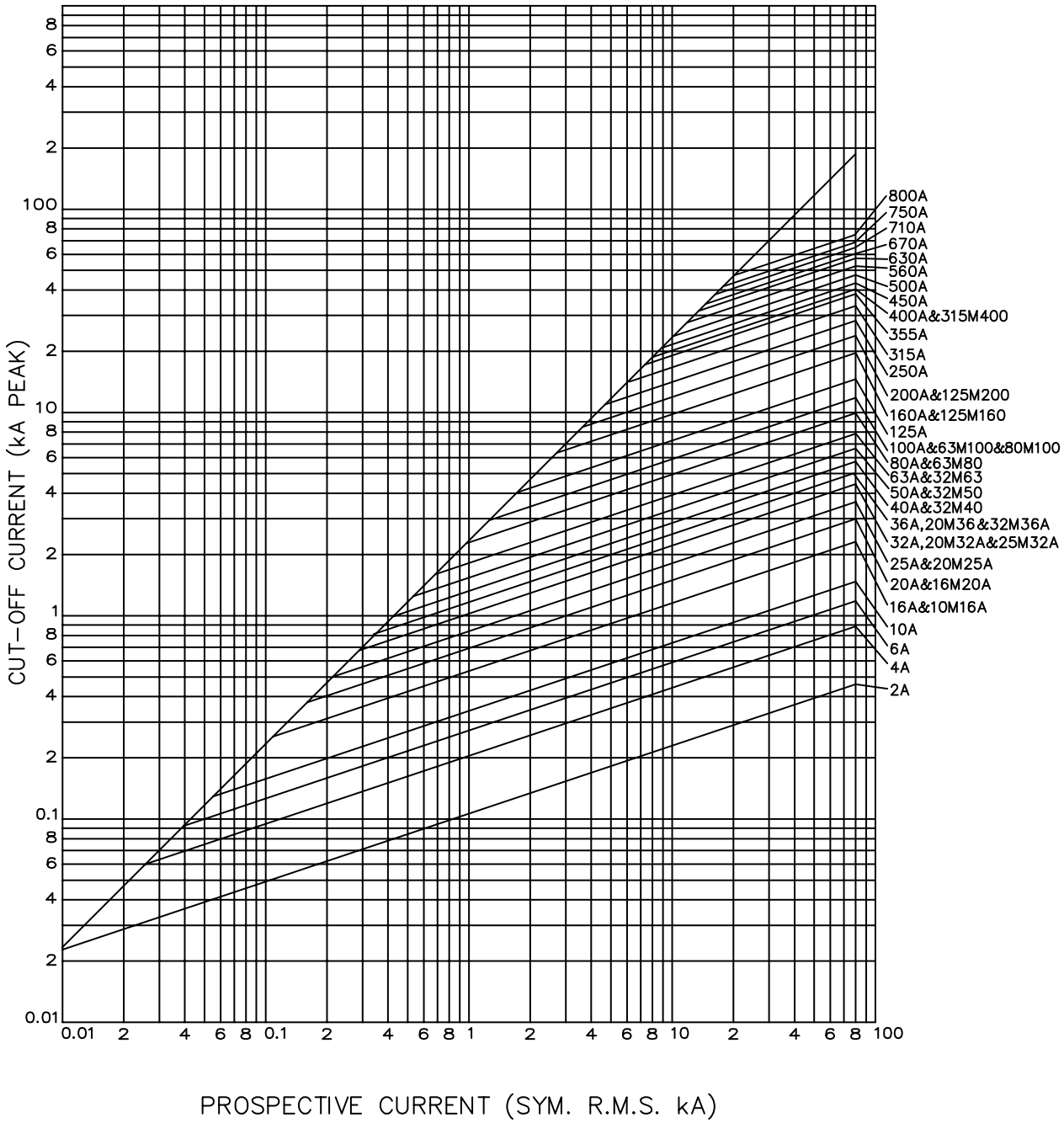
gG curves - 2 to 32 A - 550VAC / 250VDC



©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

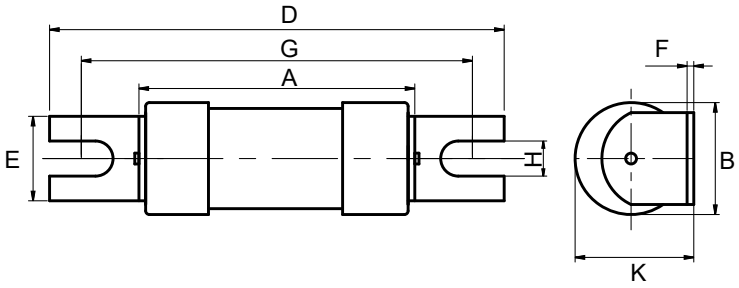
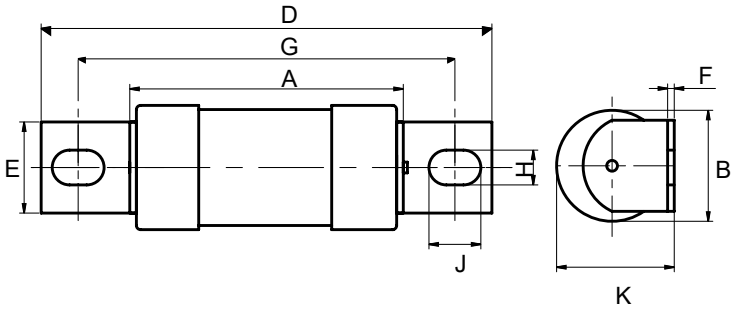


Fig.2



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	J NOM	K MAX
1	A1	BNIT	2, 4, 6, 10, 16, 20, 25, 32	35.5	13.5	56	11.2	0.8	44.5	4.8	5.5	14.5
2	A2C	BTIA	2, 4, 6, 10, 16, 20, 25, 32	35.5	13.5	86	9.2	0.8	73	8		14.5

©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.