

# Offset Tag fuse-links gG 550VAC/250VDC

LOW VOLTAGE IEC FUSES

BS FUSE-LINKS



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

## 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



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## PRODUCT RANGE



BNIT55V32

### Type A1 550VAC/250VDC gG BNIT

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



BTIA55V10

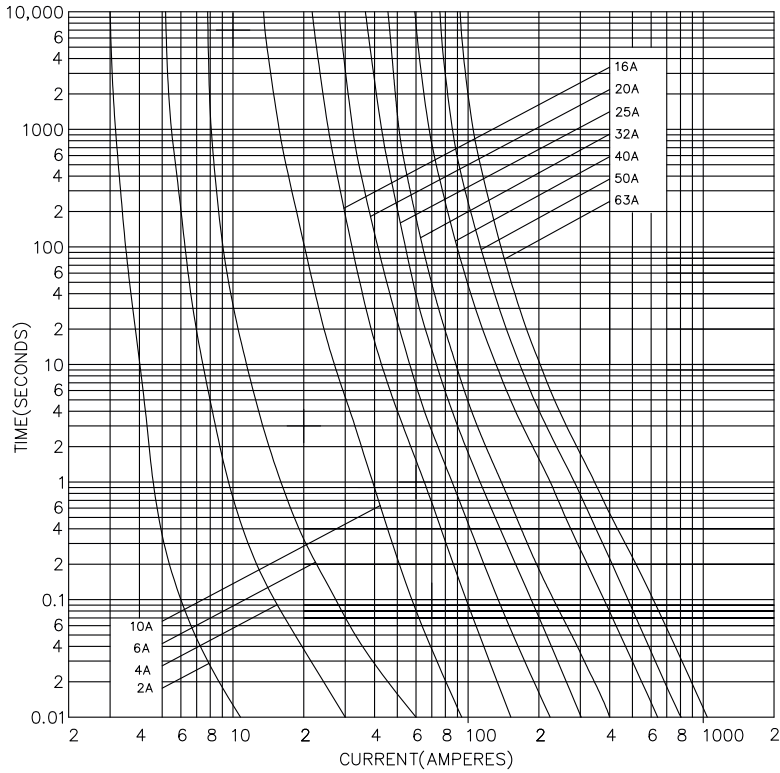
### Type A2C 550VAC/250VDC gG BTIA

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I <sub>n</sub>	Pre-arcing I <sup>2</sup> t	Clearing I <sup>2</sup> t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I <sub>n</sub>	Weight
BTIA55V2	S1019238	550 V	250 V	2 A	1 A <sup>2</sup> s	5 A <sup>2</sup> s	80 kA	40 kA	0.9 W	20 g
BTIA55V4	T1019239	550 V	250 V	4 A	7.6 A <sup>2</sup> s	38 A <sup>2</sup> s	80 kA	40 kA	1.5 W	20 g
BTIA55V6	V1019240	550 V	250 V	6 A	28 A <sup>2</sup> s	40 A <sup>2</sup> s	80 kA	40 kA	1.8 W	20 g
BTIA55V10	W1019241	550 V	250 V	10 A	70 A <sup>2</sup> s	350 A <sup>2</sup> s	80 kA	40 kA	1.2 W	20 g
BTIA55V16	X1019242	550 V	250 V	16 A	120 A <sup>2</sup> s	550 A <sup>2</sup> s	80 kA	40 kA	1.6 W	20 g
BTIA55V20	Y1019243	550 V	250 V	20 A	250 A <sup>2</sup> s	1250 A <sup>2</sup> s	80 kA	40 kA	1.7 W	20 g
BTIA55V25	Z1019244	550 V	250 V	25 A	420 A <sup>2</sup> s	2100 A <sup>2</sup> s	80 kA	40 kA	2 W	20 g
BTIA55V32	A1019245	550 V	250 V	32 A	670 A <sup>2</sup> s	3350 A <sup>2</sup> s	80 kA	40 kA	2.9 W	20 g

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## TIME CURRENT CHARACTERISTIC CURVES

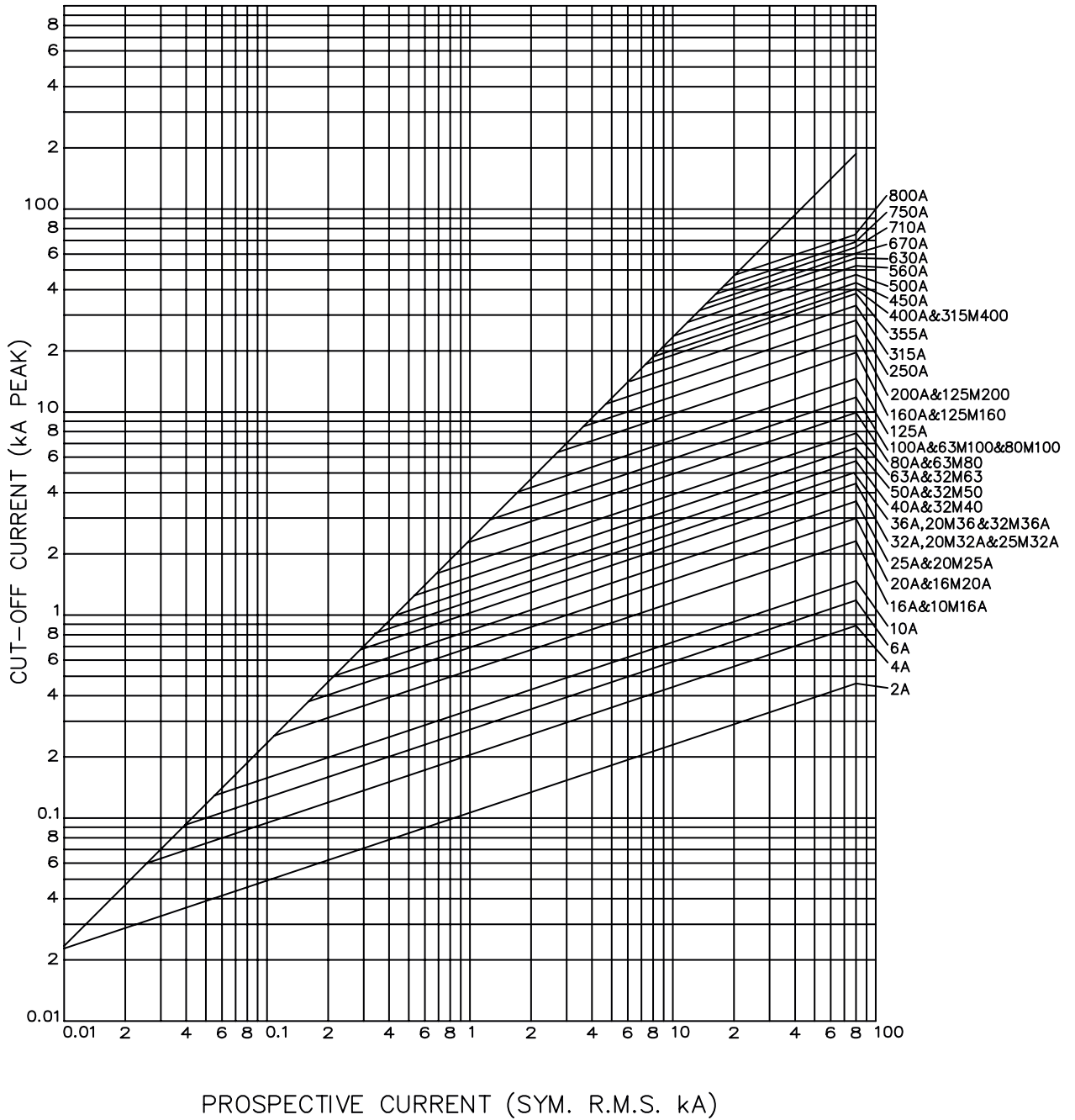
### gG curves - 2 to 32 A - 550VAC / 250VDC



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## CUT-OFF CURRENT CHARACTERISTIC

A Type - 550VAC / 250VDC



# Offset Tag fuse-links gG 550VAC/250VDC

## DIMENSIONS

### A1 BNIT / A2C BTIA

Fig.1

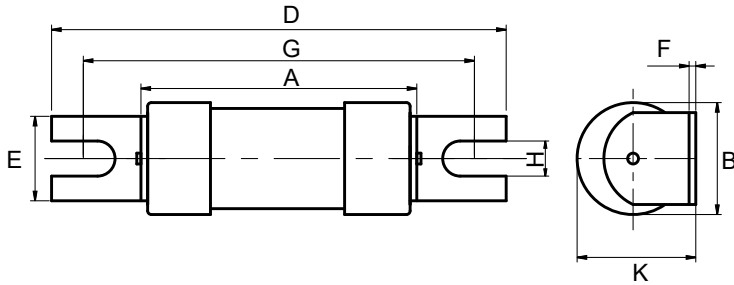
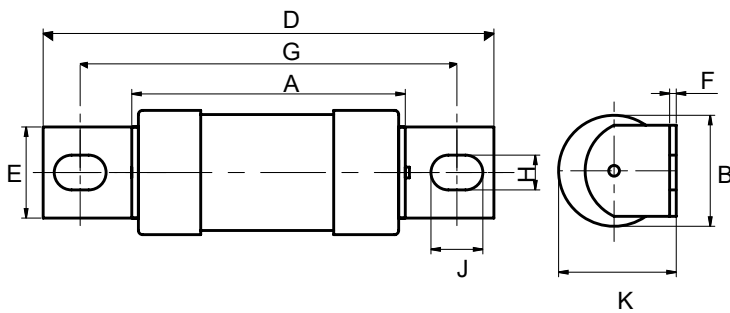


Fig.2



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