

Offset Tag fuse-links gG 690VAC/460VDC

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 100 A
Rated voltage AC (IEC)	690 V
Rated voltage DC (IEC)	460 V
Breaking capacity AC	80 kA
Breaking capacity DC	40 kA
Speed/Characteristic	gG
Body Material	Ceramic
BS type	BTIA, BTIS, BTCP

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



BTIA69V16

Type A2 690VAC/460VDC gG BTIA

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I _n	Weight
BTIA69V2	G1019251	690 V	460 V	2 A	1 A ² s	6.5 A ² s	80 kA	40 kA	0.8 W	56 g
BTIA69V4	H1019252	690 V	460 V	4 A	7.6 A ² s	50 A ² s	80 kA	40 kA	1.4 W	56 g
BTIA69V6	J1019253	690 V	460 V	6 A	28 A ² s	180 A ² s	80 kA	40 kA	1.7 W	56 g
BTIA69V10	K1019254	690 V	460 V	10 A	70 A ² s	380 A ² s	80 kA	40 kA	1.2 W	56 g
BTIA69V16	L1019255	690 V	460 V	16 A	120 A ² s	580 A ² s	80 kA	40 kA	1.6 W	56 g
BTIA69V20	M1019256	690 V	460 V	20 A	250 A ² s	1450 A ² s	80 kA	40 kA	1.7 W	56 g
BTIA69V25	N1019257	690 V	460 V	25 A	420 A ² s	2500 A ² s	80 kA	40 kA	2 W	56 g
BTIA69V32	P1019258	690 V	460 V	32 A	670 A ² s	3900 A ² s	80 kA	40 kA	2.9 W	56 g
BTIA69V36	S1019261	690 V	460 V	36 A	700 A ² s	4500 A ² s	80 kA	40 kA	3.8 W	56 g
BTIA69V40	T1019262	690 V	460 V	40 A	1300 A ² s	7400 A ² s	80 kA	40 kA	4 W	56 g
BTIA69V50	V1019263	690 V	460 V	50 A	2600 A ² s	15000 A ² s	80 kA	40 kA	4.8 W	56 g
BTIA69V63	W1019264	690 V	460 V	63 A	4000 A ² s	23000 A ² s	80 kA	40 kA	5.9 W	56 g



BTIS69V63

Type A3 690VAC/460VDC gG BTIS

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I _n	Weight
BTIS69V36	N1006584	690 V	460 V	36 A	700 A ² s	4500 A ² s	80 kA	40 kA	3.8 W	57.8 g
BTIS69V40	P1006585	690 V	460 V	40 A	1300 A ² s	7400 A ² s	80 kA	40 kA	4 W	57.8 g
BTIS69V50	Q1006586	690 V	460 V	50 A	2600 A ² s	15000 A ² s	80 kA	40 kA	4.8 W	57.8 g
BTIS69V63	R1006587	690 V	460 V	63 A	4000 A ² s	23000 A ² s	80 kA	40 kA	5.9 W	57.8 g



BTCP69V100

Type A4 690VAC/460VDC gG BTCP

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I _n	Weight
BTCP69V80	S1006611	690 V	460 V	80 A	8500 A ² s	48500 A ² s	80 kA	40 kA	6.5 W	82.6 g
BTCP69V100	T1006612	690 V	460 V	100 A	14000 A ² s	80000 A ² s	80 kA	40 kA	7.5 W	82.6 g

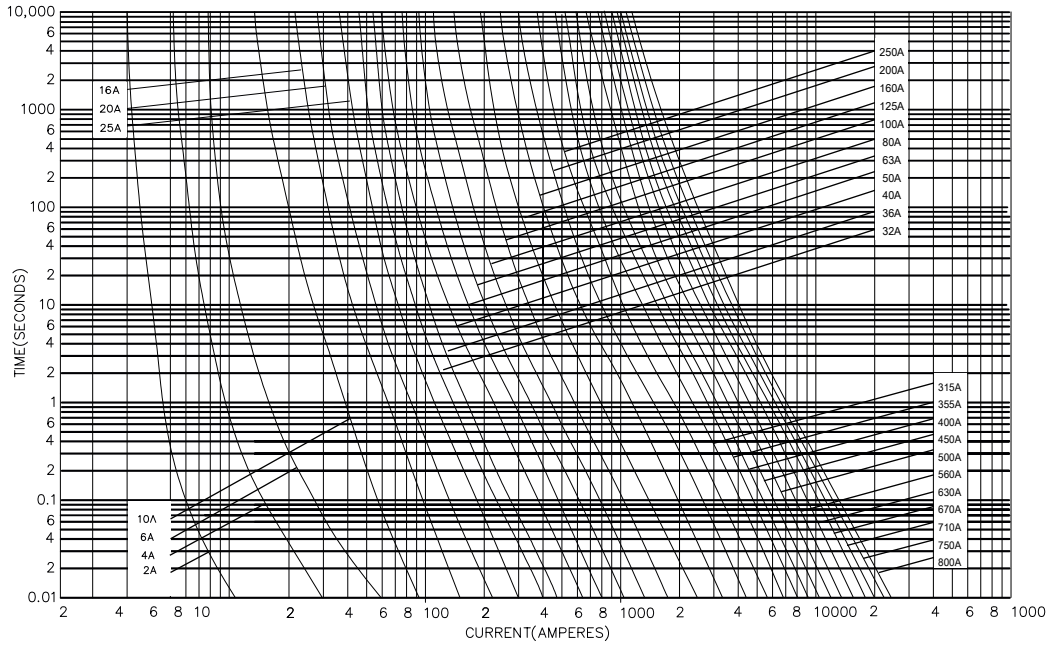
Type A4C 690VAC/460VDC gG BTCP

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I _n	Pre-arcing I ² t	Clearing I ² t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissipation at I _n	Weight
BTCP69V36	H1019275	690 V	460 V	36 A	700 A ² s	4500 A ² s	80 kA	40 kA	3.8 W	82.6 g
BTCP69V40	M1006606	690 V	460 V	40 A	1300 A ² s	7400 A ² s	80 kA	40 kA	4 W	82.6 g
BTCP69V50	N1006607	690 V	460 V	50 A	2600 A ² s	15000 A ² s	80 kA	40 kA	4.8 W	82.6 g
BTCP69V63	J1019276E	690 V	460 V	63 A	4000 A ² s	23000 A ² s	80 kA	40 kA	5.9 W	82.6 g

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TIME CURRENT CHARACTERISTIC CURVES

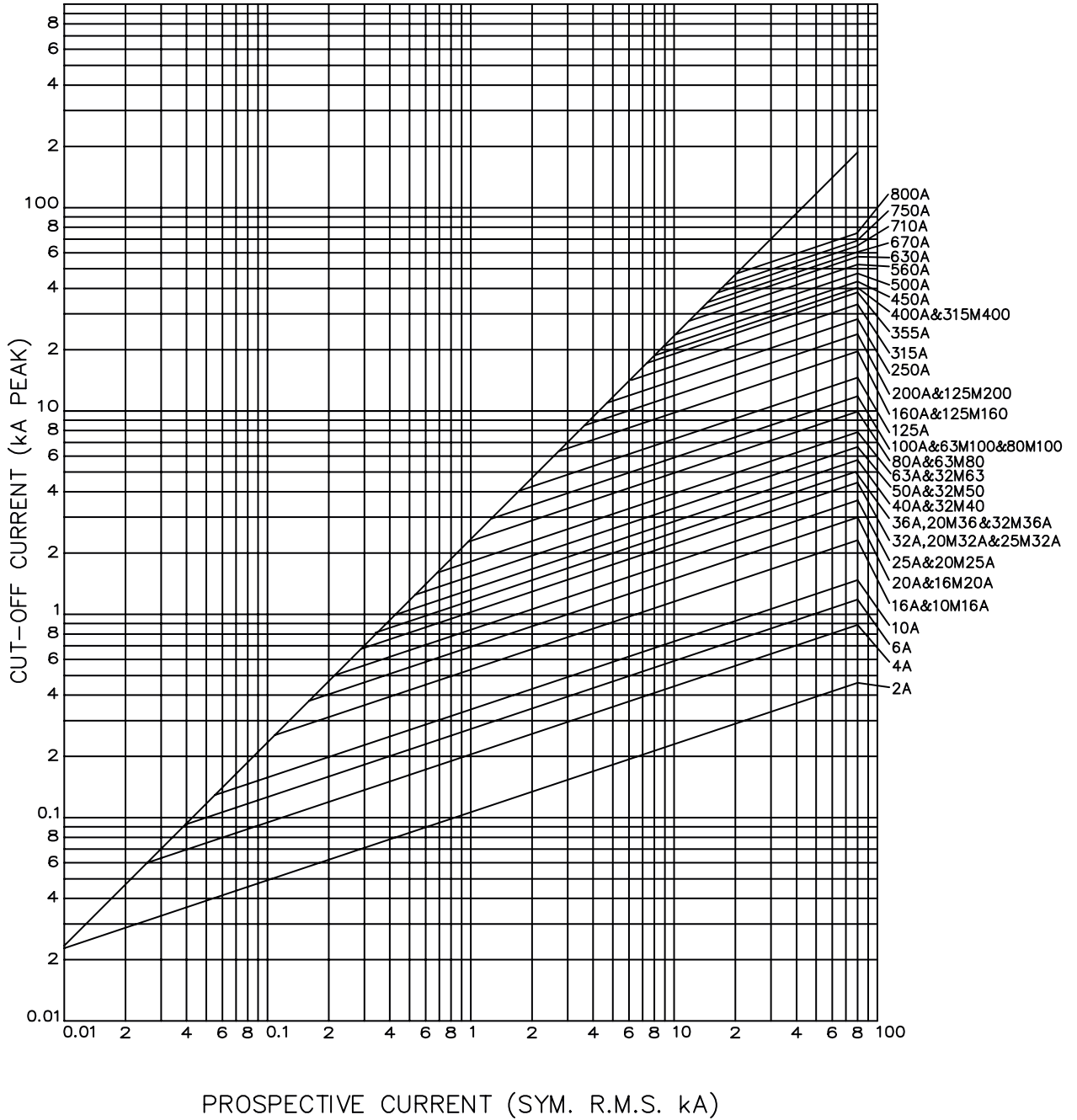
gG curves - 2 to 100 A - 690VAC / 460VDC



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CUT-OFF CURRENT CHARACTERISTIC

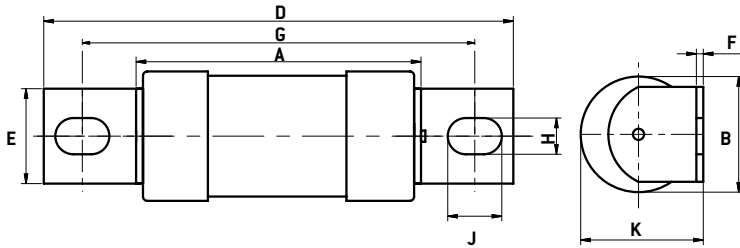
A Type - 690VAC / 460VDC



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DIMENSIONS

A2 BTIA / A3 BTIS / A4C BTCP / A4 BTCP



Dimensions in mm

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
A2	BTIA	2, 4, 6, 10, 16, 20, 25, 32	56.5	21.9	86	9.2	1.2	73	8	5.5	23.5
A2	BTIA	36, 40, 50, 63	54.5	21	86	8.7	1.2	73	8	5.5	22.3
A3	BTIS	36, 40, 50, 63	54.5	21	87	12.7	1.2	73	8	5.5	22.5
A4C	BTCP	36, 40, 50, 63	57.5	21	109	14.3	3.2	94	11	8.7	22.3
A4	BTCP	80, 100	59.5	26.9	111	19.5	2.4	94	11	8.7	28.5