Offset Tag fuse-links gG 690VAC/460VDC

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 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

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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^2t	Clearing I^2t 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 A²s	6.5 A²s	80 kA	40 kA	0.8 W	56 g
BTIA69V4	H1019252	690 V	460 V	4 A	7.6 A²s	50 A²s	80 kA	40 kA	1.4 W	56 g
BTIA69V6	J1019253	690 V	460 V	6 A	28 A²s	180 A²s	80 kA	40 kA	1.7 W	56 g
BTIA69V10	K1019254	690 V	460 V	10 A	70 A²s	380 A²s	80 kA	40 kA	1.2 W	56 g
BTIA69V16	L1019255	690 V	460 V	16 A	120 A²s	580 A²s	80 kA	40 kA	1.6 W	56 g
BTIA69V20	M1019256	690 V	460 V	20 A	250 A²s	1450 A²s	80 kA	40 kA	1.7 W	56 g
BTIA69V25	N1019257	690 V	460 V	25 A	420 A²s	2500 A²s	80 kA	40 kA	2 W	56 g
BTIA69V32	P1019258	690 V	460 V	32 A	670 A²s	3900 A²s	80 kA	40 kA	2.9 W	56 g
BTIA69V36	S1019261	690 V	460 V	36 A	700 A²s	4500 A²s	80 kA	40 kA	3.8 W	56 g
BTIA69V40	T1019262	690 V	460 V	40 A	1300 A²s	7400 A²s	80 kA	40 kA	4 W	56 g
BTIA69V50	V1019263	690 V	460 V	50 A	2600 A²s	15000 A²s	80 kA	40 kA	4.8 W	56 g
BTIA69V63	W1019264	690 V	460 V	63 A	4000 A²s	23000 A²s	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^2t	Clearing I^2t at Rated Voltage	Rated breaking capacity AC	Rated breaking capacity DC	Power dissi-pation at I_n	Weight
BTIS69V36	N1006584	690 V	460 V	36 A	700 A²s	4500 A²s	80 kA	40 kA	3.8 W	57.8 g
BTIS69V40	P1006585	690 V	460 V	40 A	1300 A²s	7400 A²s	80 kA	40 kA	4 W	57.8 g
BTIS69V50	Q1006586	690 V	460 V	50 A	2600 A²s	15000 A²s	80 kA	40 kA	4.8 W	57.8 g
BTIS69V63	R1006587	690 V	460 V	63 A	4000 A²s	23000 A²s	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^2t	Clearing I^2t 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 A²s	48500 A²s	80 kA	40 kA	6.5 W	82.6 g
BTCP69V100	T1006612	690 V	460 V	100 A	14000 A²s	80000 A²s	80 kA	40 kA	7.5 W	82.6 g

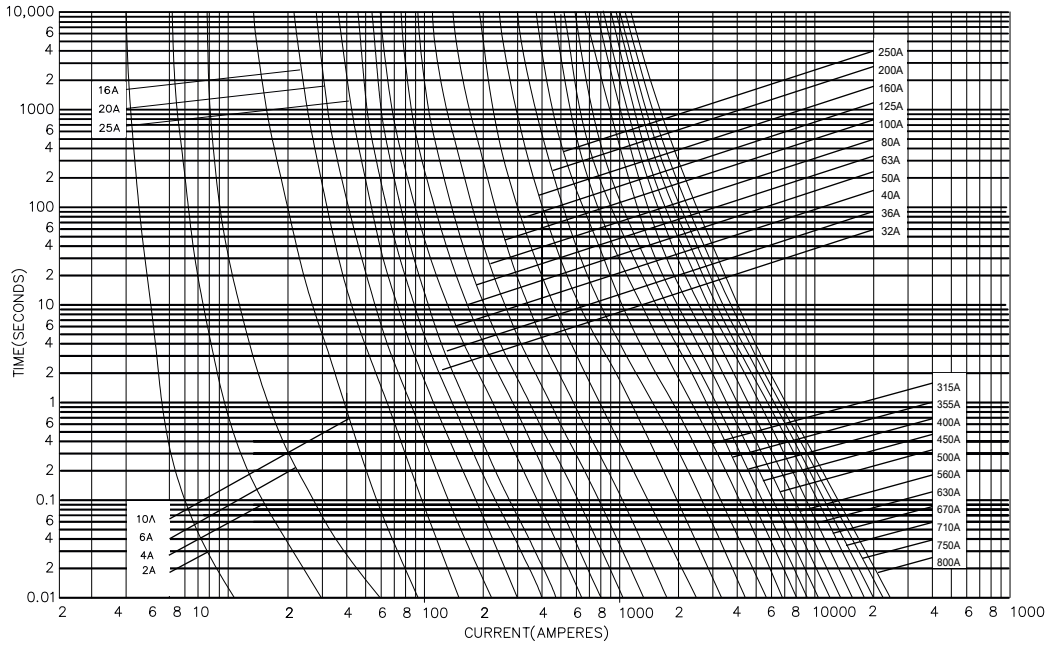
Type A4C 690VAC/460VDC gG BTCP

Catalog number	Item number	Rated voltage AC (IEC)	Rated voltage DC (IEC)	Rated current I_n	Pre-arcing I^2t	Clearing I^2t 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 A²s	4500 A²s	80 kA	40 kA	3.8 W	82.6 g
BTCP69V40	M1006606	690 V	460 V	40 A	1300 A²s	7400 A²s	80 kA	40 kA	4 W	82.6 g
BTCP69V50	N1006607	690 V	460 V	50 A	2600 A²s	15000 A²s	80 kA	40 kA	4.8 W	82.6 g
BTCP69V63	J1019276E	690 V	460 V	63 A	4000 A²s	23000 A²s	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



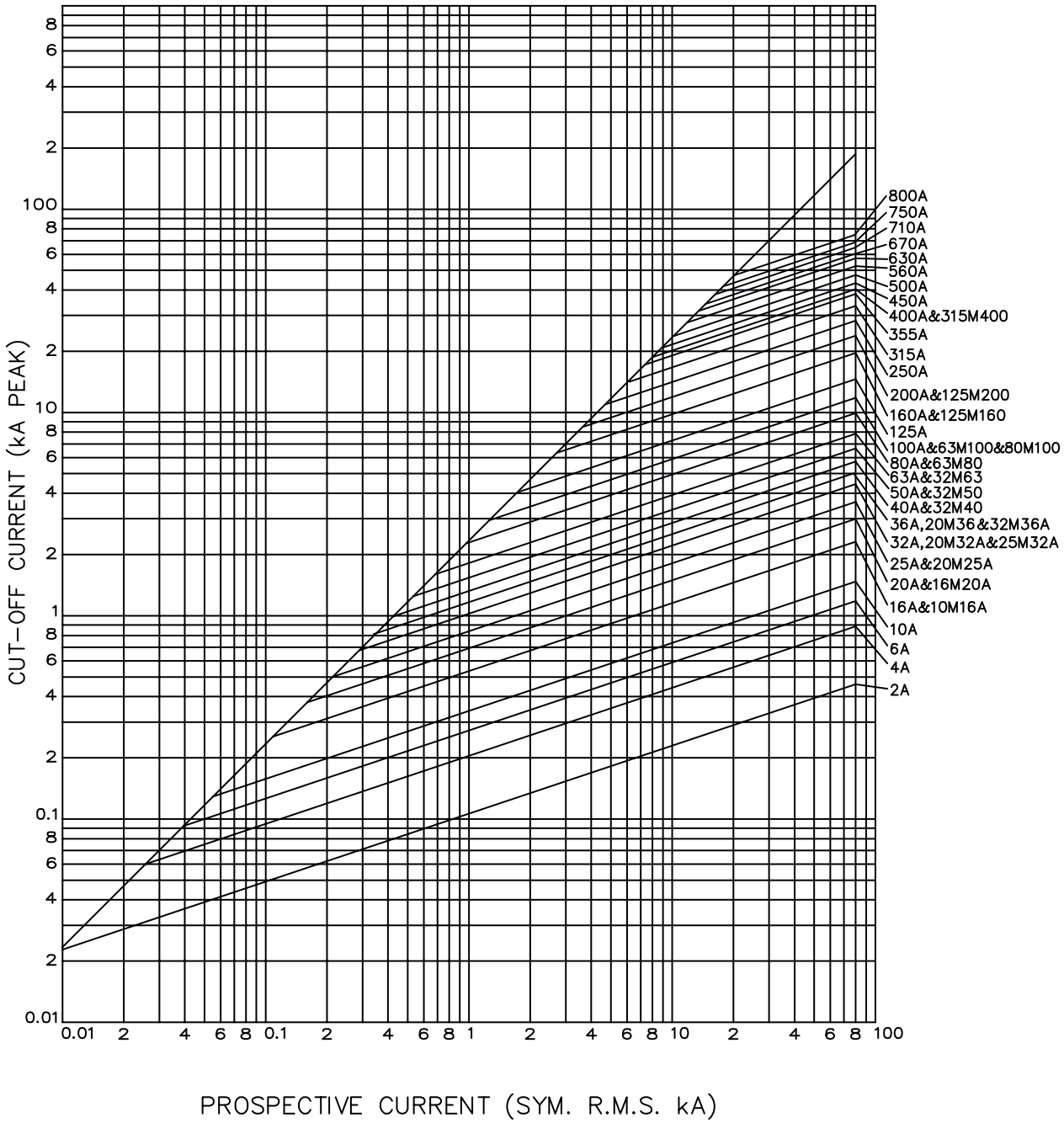
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CUT-OFF CURRENT CHARACTERISTIC

A Type - 690VAC / 460VDC

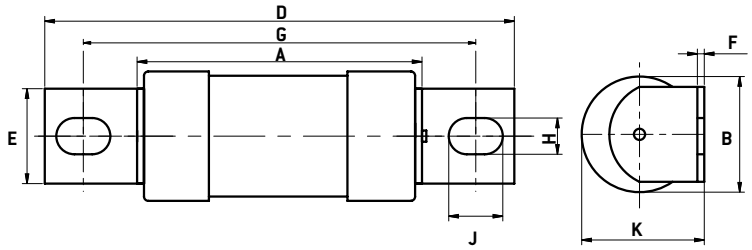


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DIMENSIONS

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

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