

# Central Bolted Tag fuse-links gG 415VAC/240VDC

LOW VOLTAGE IEC FUSES

BS FUSE-LINKS

The fuse complies with standard EN 60269-2 section II 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 interruptors disconnectors.

## FEATURES & BENEFITS

- Excellent current limitation for all overloads

## APPLICATIONS

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

## STANDARDS

- EN 60269-2 section II



# Central Bolted Tag fuse-links gG 415VAC/240VDC

## PRODUCT RANGE

### Type A4 415VAC/240VDC BTFP gG

Catalog 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	Power dissipation at I <sub>n</sub>
BTFP42V125	415 V	240 V	125 A	17000 A <sup>2</sup> s	70000 A <sup>2</sup> s	80 kA	9.2 W
BTFP42V160	415 V	240 V	160 A	57000 A <sup>2</sup> s	150000 A <sup>2</sup> s	80 kA	10.7 W
BTFP42V200	415 V	240 V	200 A	105000 A <sup>2</sup> s	293000 A <sup>2</sup> s	80 kA	16.2 W

### Type B1 415VAC/240VDC BTBC gG

Catalog 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	Power dissipation at I <sub>n</sub>
BTBC42V32	415 V	240 V	32 A	700 A <sup>2</sup> s	3000 A <sup>2</sup> s	80 kA	3.6 W
BTBC42V40	415 V	240 V	40 A	1300 A <sup>2</sup> s	5850 A <sup>2</sup> s	81 kA	4 W
BTBC42V50	415 V	240 V	50 A	2600 A <sup>2</sup> s	11700 A <sup>2</sup> s	82 kA	4.8 W
BTBC42V63	415 V	240 V	63 A	4000 A <sup>2</sup> s	17500 A <sup>2</sup> s	83 kA	5.9 W

### Type B1 415VAC/240VDC BTC gG

Catalog 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	Power dissipation at I <sub>n</sub>
BTC42V125	415 V	240 V	125 A	28000 A <sup>2</sup> s	78400 A <sup>2</sup> s	80 kA	11.3 W
BTC42V160	415 V	240 V	160 A	60000 A <sup>2</sup> s	168000 A <sup>2</sup> s	80 kA	8.8 W

### Type B1C 415VAC/240VDC

Catalog 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	Power dissipation at I <sub>n</sub>
BTC42V100	415 V	240 V	100 A	14000 A <sup>2</sup> s	65000 A <sup>2</sup> s	80 kA	7.5 W
BTC42V80	415 V	240 V	80 A	8500 A <sup>2</sup> s	38250 A <sup>2</sup> s	80 kA	6.5 W

### Type B2 415VAC/240VDC gG

Catalog 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	Power dissipation at I <sub>n</sub>
BTF42V125	415 V	240 V	125 A	17000 A <sup>2</sup> s	70000 A <sup>2</sup> s	80 kA	9.2 W
BTF42V160	415 V	240 V	160 A	57000 A <sup>2</sup> s	150000 A <sup>2</sup> s	80 kA	10.7 W
BTF42V200	415 V	240 V	200 A	105000 A <sup>2</sup> s	293000 A <sup>2</sup> s	80 kA	16.2 W

### Type B3 415VAC/240VDC gG

Catalog 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	Power dissipation at I <sub>n</sub>
BTKF42V250	415 V	240 V	250 A	190000 A <sup>2</sup> s	532000 A <sup>2</sup> s	80 kA	24 W
BTKF42V315	415 V	240 V	315 A	270000 A <sup>2</sup> s	756000 A <sup>2</sup> s	-	31 W

### Type B3X 415VAC/240VDC

Catalog 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	Power dissipation at I <sub>n</sub>
BTKM42V250	415 V	240 V	250 A	190000 A <sup>2</sup> s	532000 A <sup>2</sup> s	80 kA	24 W
BTKM42V315	415 V	240 V	315 A	270000 A <sup>2</sup> s	756000 A <sup>2</sup> s	80 kA	31 W

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# Central Bolted Tag fuse-links gG 415VAC/240VDC

## PRODUCT RANGE

### Type B4 415VAC/240VDC

Catalog 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	Power dissipation at I <sub>n</sub>
BTMF42V355	415 V	240 V	355 A	395000 A <sup>2</sup> s	1106000 A <sup>2</sup> s	80 kA	32 W
BTMF42V400	415 V	240 V	400 A	505000 A <sup>2</sup> s	1414000 A <sup>2</sup> s	80 kA	38 W

### Type C1 415VAC/240VDC

Catalog 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	Power dissipation at I <sub>n</sub>
BTM42V355	415 V	240 V	355 A	395000 A <sup>2</sup> s	1106000 A <sup>2</sup> s	80 kA	32 W
BTM42V400	415 V	240 V	400 A	505000 A <sup>2</sup> s	1414000 A <sup>2</sup> s	80 kA	38 W

### Type C2 415VAC/240VDC

Catalog 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	Power dissipation at I <sub>n</sub>
BTTM42V450	415 V	240 V	450 A	650000 A <sup>2</sup> s	1820000 A <sup>2</sup> s	80 kA	42 W
BTTM42V500	415 V	240 V	500 A	850000 A <sup>2</sup> s	2380000 A <sup>2</sup> s	80 kA	48 W
BTTM42V560	415 V	240 V	560 A	1200000 A <sup>2</sup> s	3360000 A <sup>2</sup> s	80 kA	50 W
BTTM42V630	415 V	240 V	630 A	1546000 A <sup>2</sup> s	4437000 A <sup>2</sup> s	80 kA	54 W

### Type C3 415VAC

Catalog 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	Power dissipation at I <sub>n</sub>
BTLM42V670	415 V	240 V	670 A	1950000 A <sup>2</sup> s	5460000 A <sup>2</sup> s	80 kA	60 W
BTLM42V710	415 V	240 V	710 A	2400000 A <sup>2</sup> s	6720000 A <sup>2</sup> s	80 kA	62 W
BTLM42V750	415 V	240 V	750 A	3000000 A <sup>2</sup> s	8400000 A <sup>2</sup> s	80 kA	65 W
BTLM42V800	415 V	240 V	800 A	3769000 A <sup>2</sup> s	1.09E007 A <sup>2</sup> s	80 kA	68 W

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