

# BAO BS88 Offset bolted tags fuse links



## Product description

Eaton's Bussmann® series BAO British Standard fuse links, size A3, are specifically designed for the protection of general industrial applications e.g. power distribution, cable protection, motor protection.

## Standard features

- Good peak let-through current limitation
- 1:1:6 Selective coordination ratio between "minor" and "major" fuse
- Suitable for motor protection if gM type selected
- Power loss values well within the limits of IEC 60269-2



*Powering Business Worldwide*

## Technical Data 4112

Effective October 2017

## BAO BS88 Offset bolted tags fuse links

### Catalogue symbol:

- BAO (Amps)

### Technical data:

- Rated voltage: 500 V a.c.
- Rated current: 40 to 63 A
- Breaking capacity: 80kA
- BS reference: A3
- Breaking range and utilisation category: gG and gM

### Standards/approvals:

- BS88-2
- IEC 60269-2
- Suitable for use in RoHS compliant applications

### Fuse holders (ordered separately)

- CM63F (Camaster fuse holder)
- RS63H (Red Spot fuse holder)

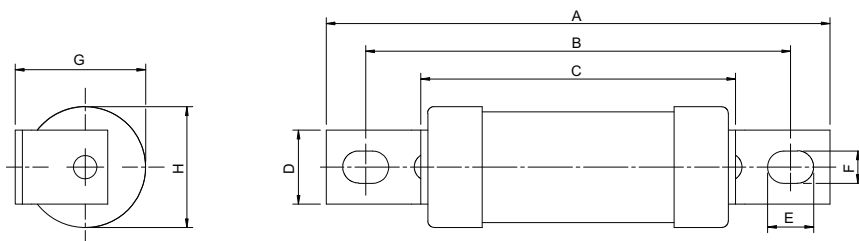
### Packaging:

- MOQ 20

Table 1. Technical data

| Catalogue number | Rated voltage | Rated current (Amps) | Breaking capacity   | Energy integrals I <sup>2</sup> t (A <sup>2</sup> S) |                     |                     | Watts loss (W) | Product class | Weight (grams) |
|------------------|---------------|----------------------|---------------------|------------------------------------------------------|---------------------|---------------------|----------------|---------------|----------------|
|                  |               |                      |                     | Pre-arcing                                           | Total at 415 V a.c. | Total at 550 V a.c. |                |               |                |
| BA040            | 500 V a.c.    | 40                   | 80 kA at 500 V d.c. | 1400                                                 | 3600                | 5000                | 4.7            | gG            | 55 g           |
| BA050            | 500 V a.c.    | 50                   | 80 kA at 500 V d.c. | 3000                                                 | 8000                | 11,250              | 4.9            | gG            | 55 g           |
| BA063            | 500 V a.c.    | 63                   | 80 kA at 500 V d.c. | 6700                                                 | 18,850              | 25,100              | 5.6            | gG            | 55 g           |
| BA063M80         | 500 V a.c.    | 63M80                | 80 kA at 500 V d.c. | 12,600                                               | 33,900              | 50,000              | 4.4            | gM            | 55 g           |
| BA063M100        | 500 V a.c.    | 63M100               | 80 kA at 500 V d.c. | 24,000                                               | 72,900              | 90,000              | 3.4            | gM            | 55 g           |

### Dimensions - mm



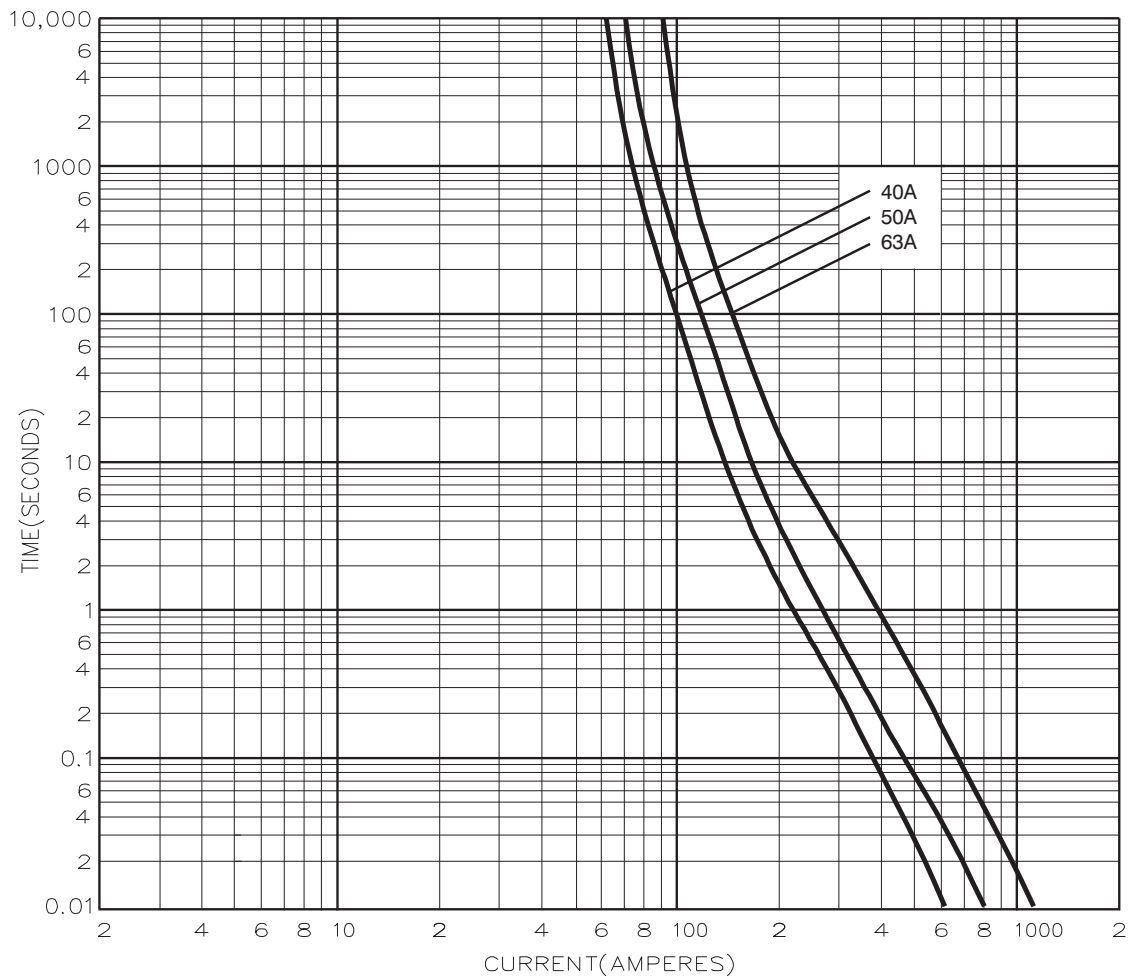
| Catalogue numbers         | A  | B  | C  | D  | E | F   | G  | H  |
|---------------------------|----|----|----|----|---|-----|----|----|
| BA040-63 and BA063M80-100 | 87 | 73 | 54 | 13 | 8 | 5.5 | 22 | 21 |

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## Time current curve - non motor rated

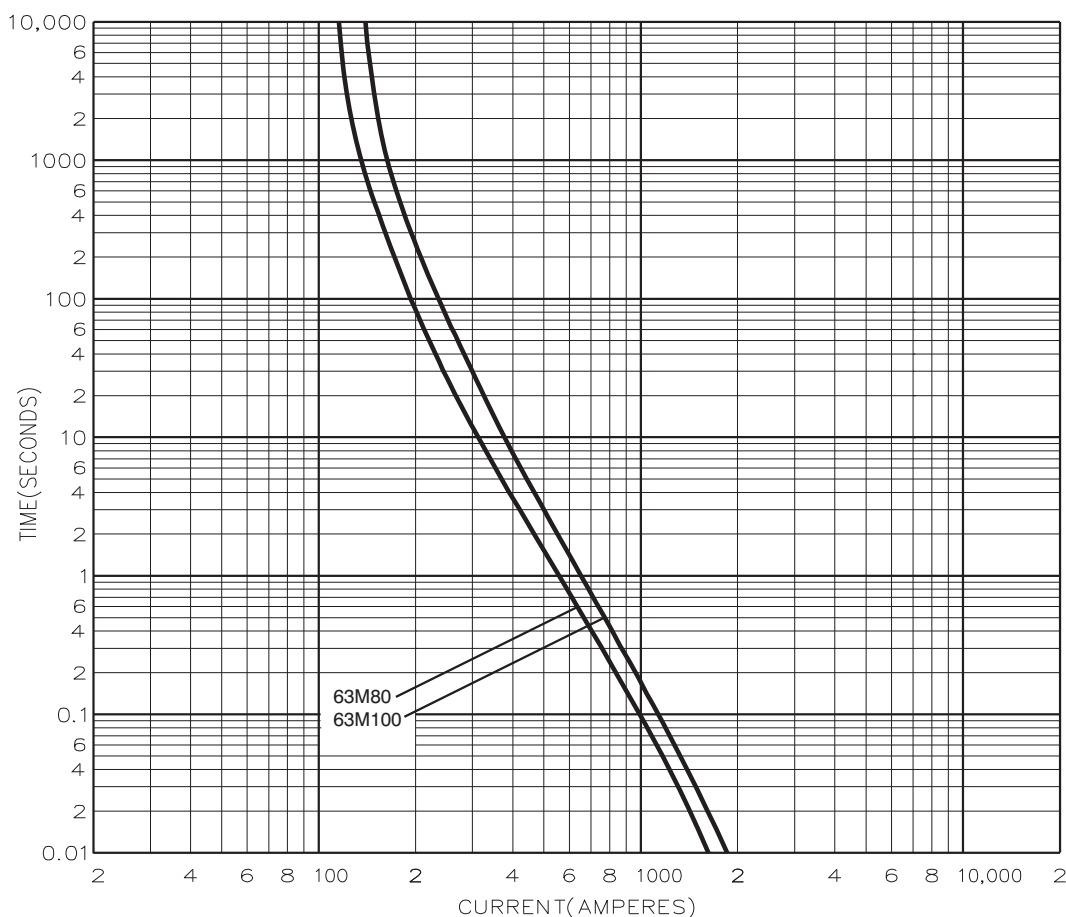


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## Time current curve - motor rated



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 Publication No. 4112  
 October 2017

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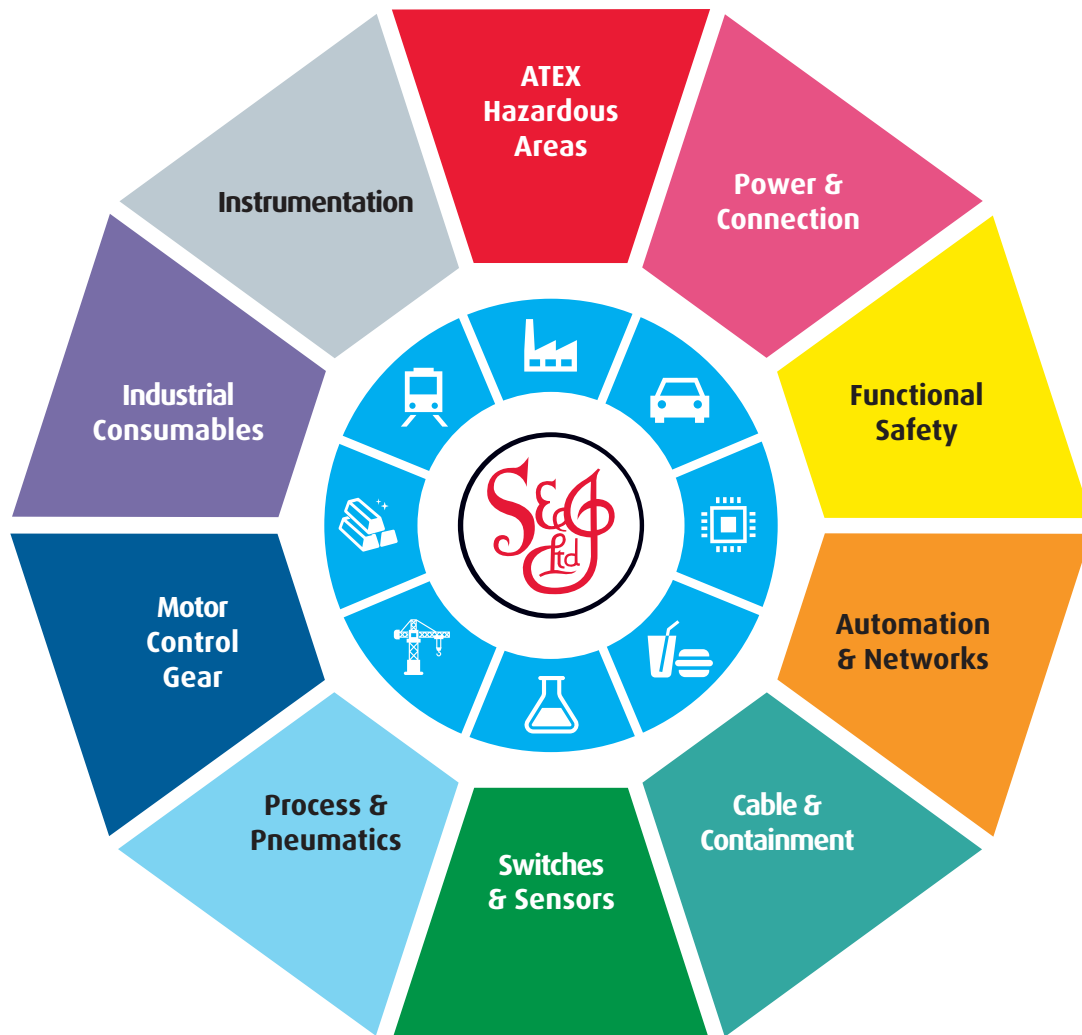
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