

## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder

### KR85 Fuse Link

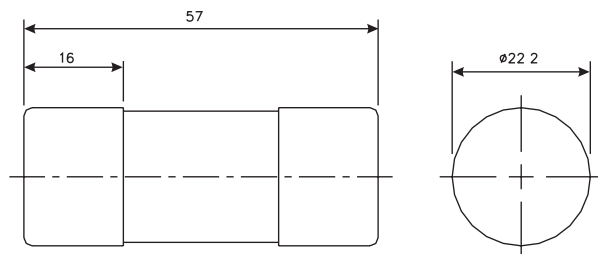


**Catalogue Symbol:** (Amp rating)KR85

**Class of Operation:** gG

**Fuse Holders:** See page 7 and 8 for details

**Dimensions - mm:**



**Standards/Approvals:**

- ASTA Certified
- BS1361: 1971 including amendments 1, 2 and 3

**Description:** Designed for use in conventional house service cut-outs (Cooper Bussmann part number 6080SP)

**Packaging:** Pack quantity: 20  
MOQ: 20

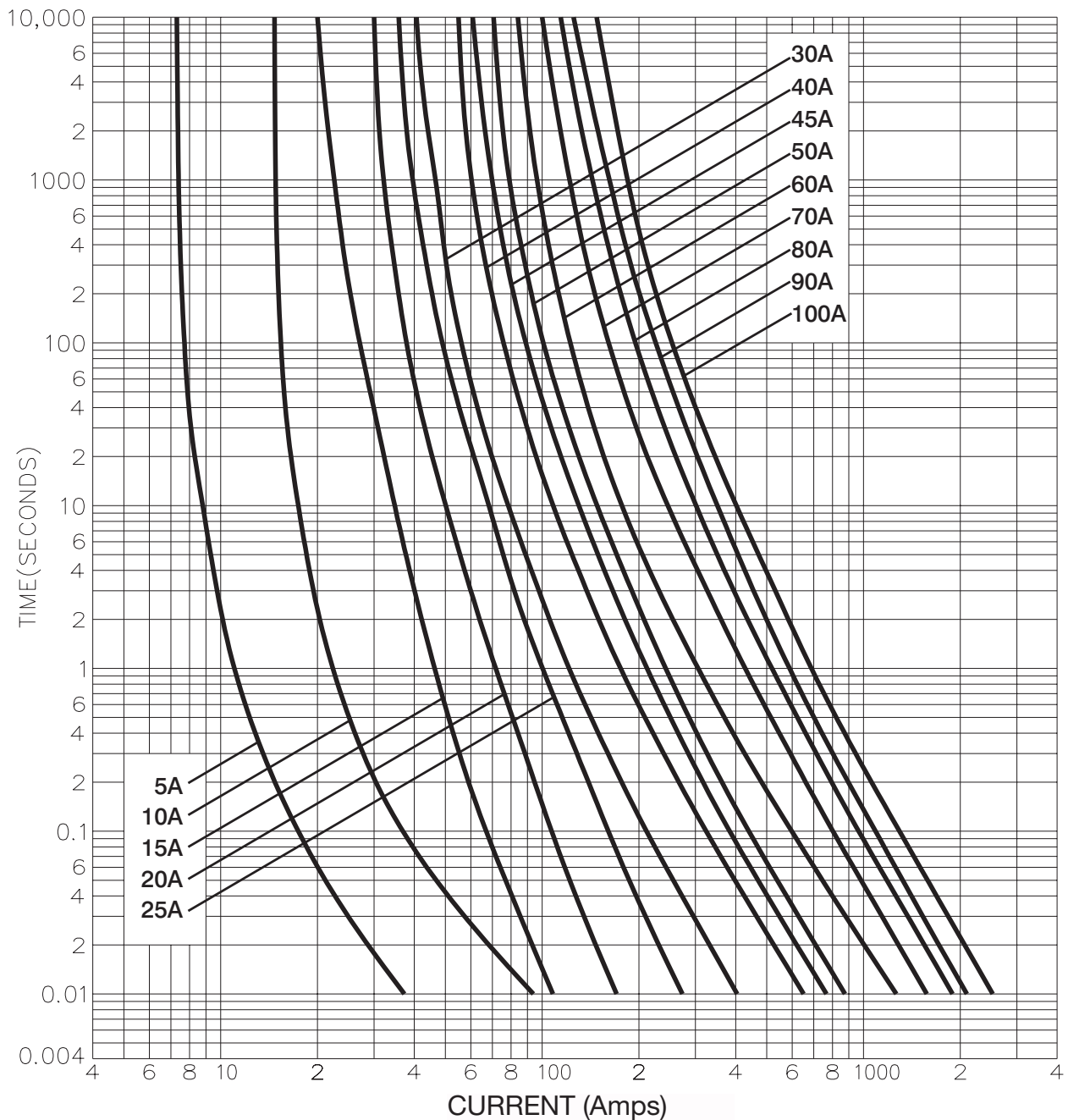
**Technical Data:**  
Rated voltage: 415Vac  
Amps: 5 to 100A  
Rated breaking capacity: 33kA

| Amp Rating/<br>Catalogue<br>Number | I <sup>2</sup> t (Amp <sup>2</sup> Seconds) |               |               | Nom. Watts<br>Loss |
|------------------------------------|---------------------------------------------|---------------|---------------|--------------------|
|                                    | Pre-Arcing                                  | Total at 240V | Total at 415V |                    |
| 5KR85                              | 8.4                                         | 15            | 23.5          | 2.5                |
| 10KR85                             | 84                                          | 150           | 235           | 3.3                |
| 15KR85                             | 53                                          | 90            | 130           | 2.9                |
| 20KR85                             | 215                                         | 360           | 510           | 2.6                |
| 25KR85                             | 480                                         | 815           | 1150          | 2.8                |
| 30KR85                             | 1000                                        | 2700          | 5700          | 3.0                |
| 40KR85                             | 2500                                        | 6800          | 14000         | 3.8                |
| 45KR85                             | 3600                                        | 9880          | 20500         | 3.8                |
| 50KR85                             | 4720                                        | 13000         | 27000         | 4.2                |
| 60KR85                             | 9100                                        | 25000         | 52000         | 4.3                |
| 70KR85                             | 17000                                       | 29000         | 40500         | 4.8                |
| 80KR85                             | 24500                                       | 41500         | 58500         | 5.4                |
| 90KR85*                            | 33000                                       | 56500         | 79500         | 5.7                |
| 100KR85*                           | 43500                                       | 73500         | 105000        | 6.1                |

\* Not recommended for use in the UK. If 90A or 100A fuse links are required in the UK please use Cooper Bussmann 100LR85 and Cooper Bussmann 100SP fuse holder instead.

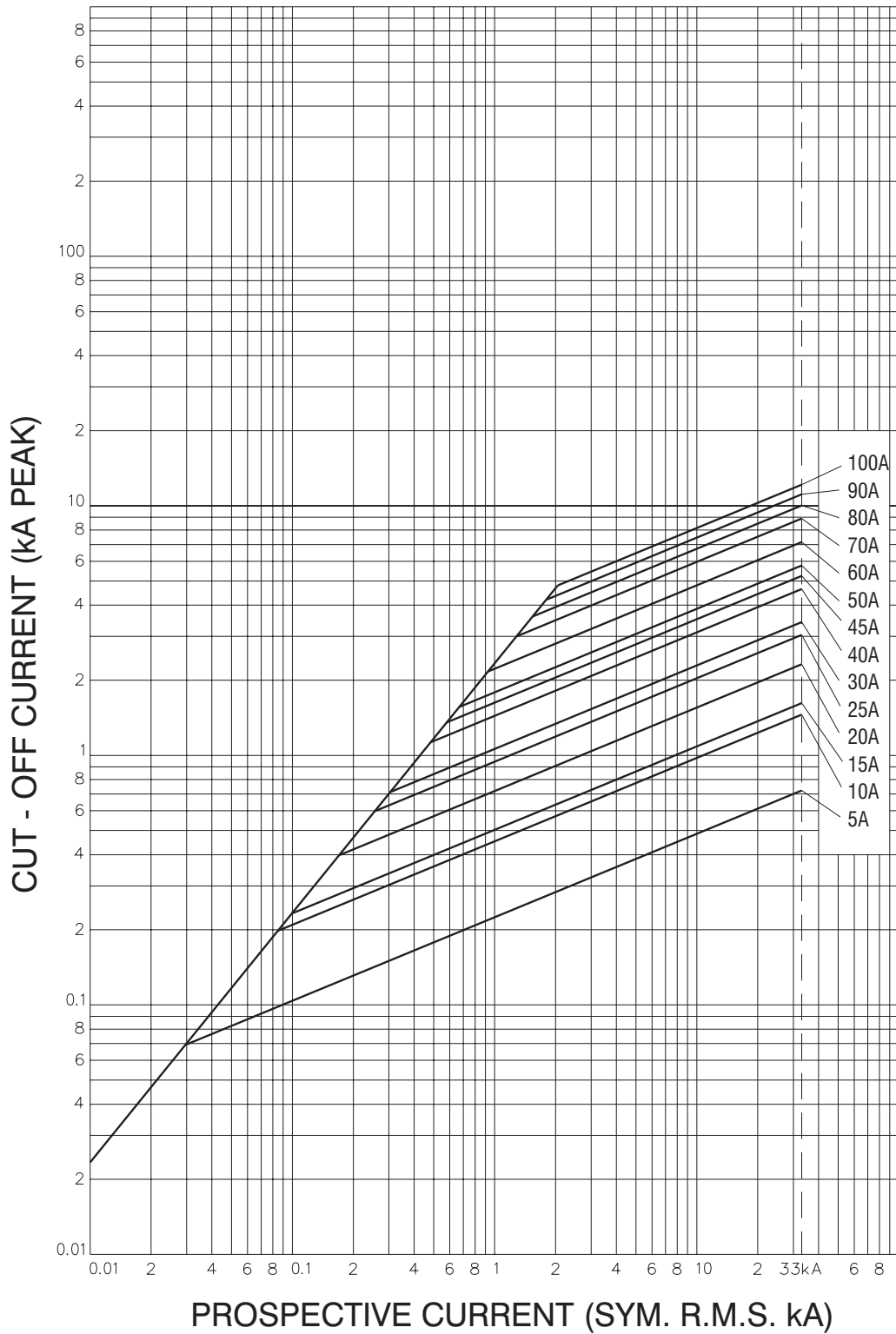
## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder KR85 Fuse Link

### Time-Current Curve Characteristics



## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder KR85 Fuse Link

### Cut-Off Current Curves



## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder

### LR85 Fuse Link

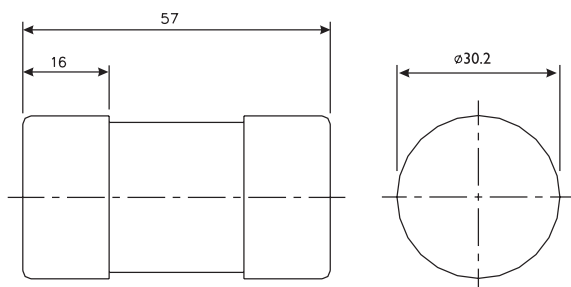


**Catalogue Symbol:** (Amp rating)LR85

**Class of Operation:** gG

**Fuse Holders:** See page 7 and 8 for details

**Dimensions - mm:**



**Standards/Approvals:**

- ASTA Certified
- BS1361: 1971 including amendments 1, 2 and 3

**Description:**

Designed for use in conventional house service cut-outs (Cooper Bussmann part number 100SP).

**Packaging:**

Pack quantity: 20  
MOQ: 20

**Technical Data:**

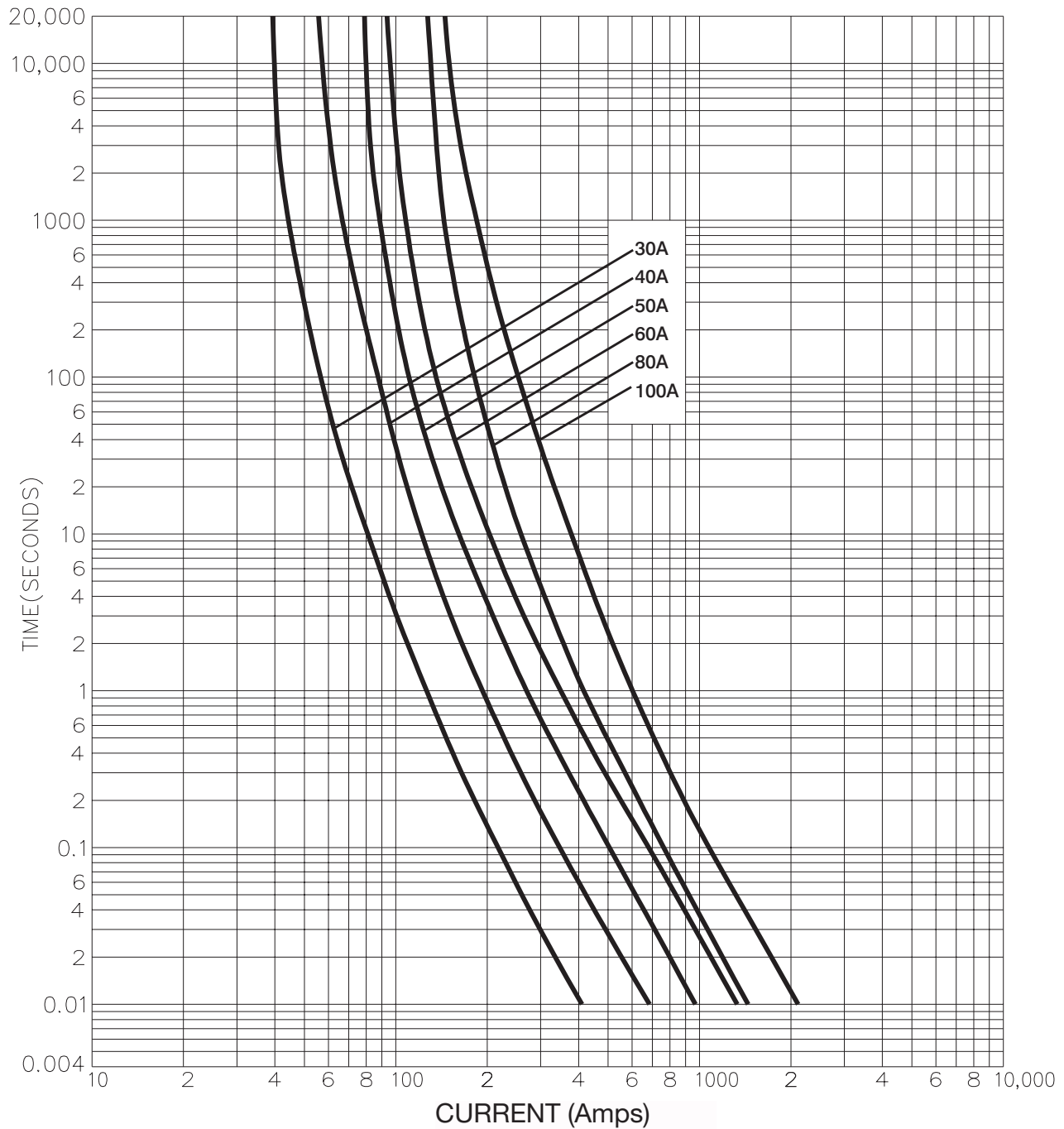
House service fuse links

Rated voltage: 415Vac  
Amps: 30 to 100A  
Rated breaking capacity: 33kA

| Amp Rating/<br>Catalogue<br>Number | I <sup>2</sup> t (Amp <sup>2</sup> Seconds) |               |               | Nom. Watts<br>Loss |
|------------------------------------|---------------------------------------------|---------------|---------------|--------------------|
|                                    | Pre-Arcing                                  | Total at 240V | Total at 415V |                    |
| 30LR85                             | 1200                                        | 2300          | 3600          | 3.4                |
| 40LR85                             | 3680                                        | 6900          | 11000         | 3.5                |
| 50LR85                             | 6360                                        | 12000         | 19100         | 4.1                |
| 60LR85                             | 12700                                       | 24000         | 38100         | 4.5                |
| 80LR85                             | 13200                                       | 38100         | 82500         | 4.9                |
| 100LR85                            | 26900                                       | 57300         | 99500         | 5.0                |

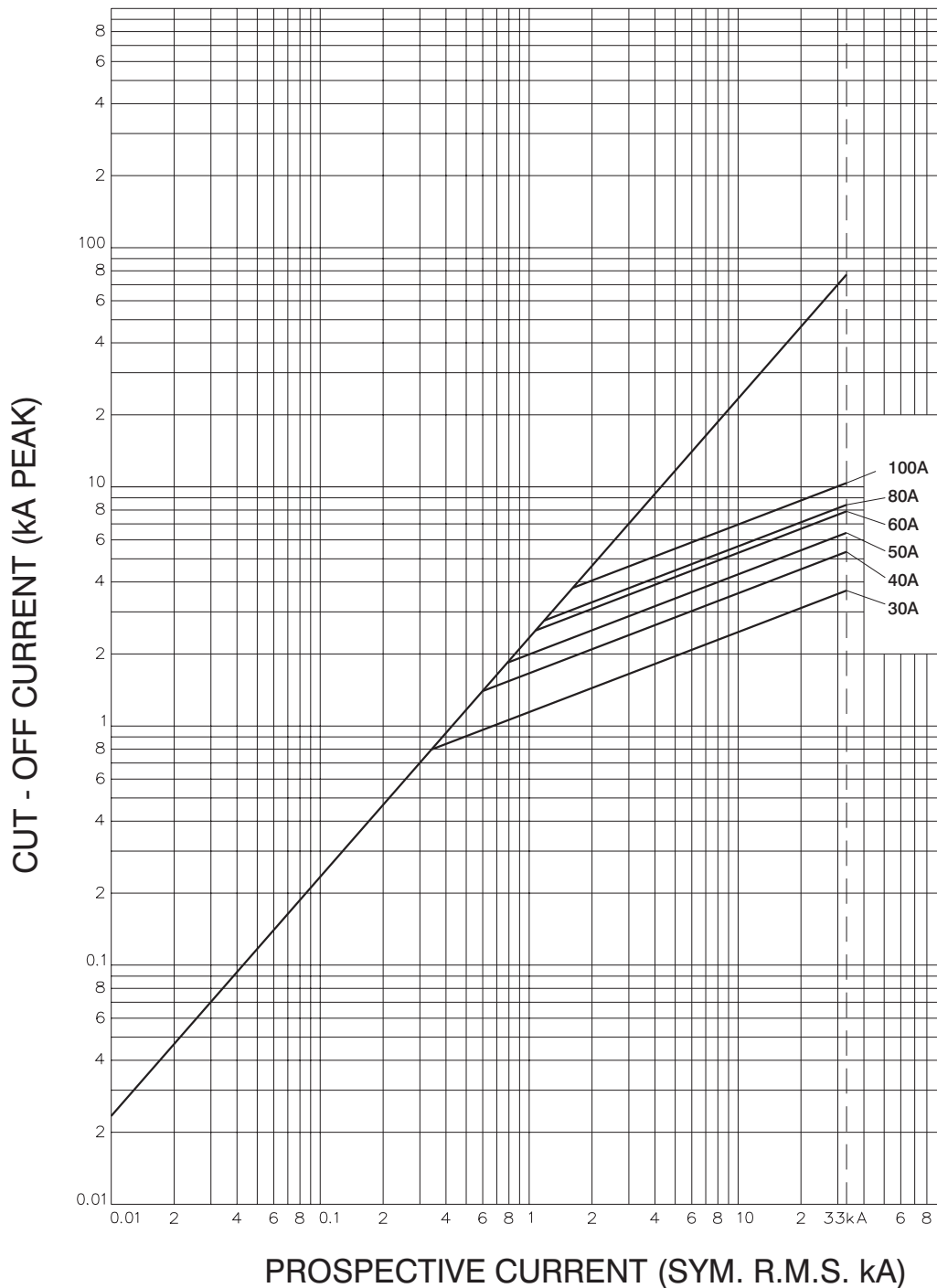
## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder LR85 Fuse Link

Time-Current Curves Characteristics



## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder LR85 Fuse Link

Cut-Off Current Curves



## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder Fuse Holder



**Part Numbers:**

6080SP: Single-pole unit 60/80A  
100SP: Single-pole unit 100A

CNE-HS: Single-pole **combined** neutral and earth module  
SNE-HS: Single-pole **separate** neutral and earth module

**Standards/Approvals:**

- BS 7657
- Third party verified

**Description:** House service cut-out for use with house service fuse links, Cooper Bussmann part numbers KR85 / LR85 or equivalent.

**Packaging:** Pack quantity: 10  
MOQ: 10

**Technical Data:**

Rated voltage: 415Vac  
Amps: 60/80A and 100A  
Rated breaking capacity: as per BS 1361, 33kA

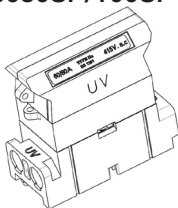
**Accessory Catalogue Numbers**

SP-HS-COVER: Single-pole and neutral crutch cover  
TP-HS-COVER: Three-pole and neutral crutch cover  
SPARES-KITS-HS: 2 grommets, 2 "H" mouldings, 1 adaptor, 1 screw  
TOOL-HS: Cable entry plug removal tool

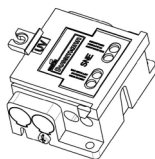
**Features:**

- Modularity
- Thermally efficient
- Ease of installation
- Reverse polarity
- Third party approved

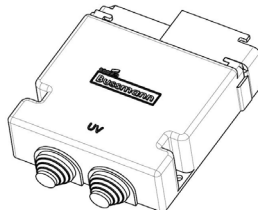
**6080SP/100SP**



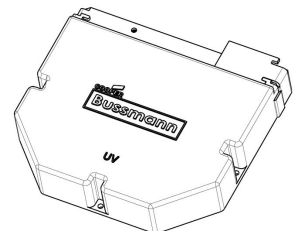
**SNE-HS/CNE-HS**



**SP-HS-COVER**



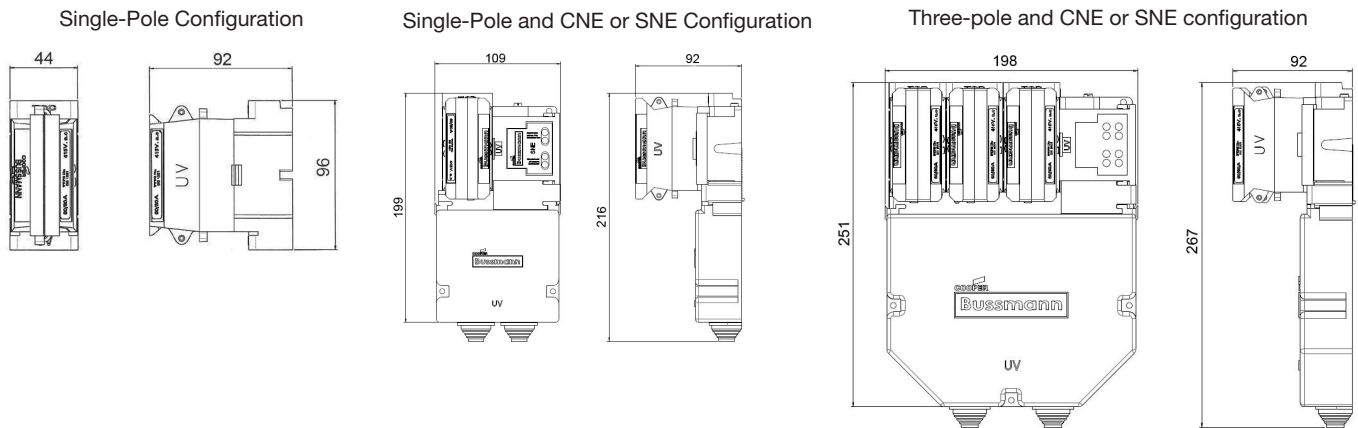
**TP-HS-COVER**



## Cylindrical House Service Cut-Out Fuse Links and Modular Fuse Holder

### Modular Fuse Holder

#### Modular Fuse Holder Dimensions - mm



#### Modular Fuse Holder Recommended Torque Values

