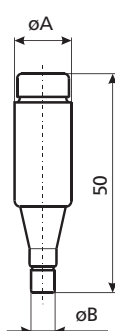


## Fuse-link D

| Technical data                 |   |   |
|--------------------------------|---|---|
| Rated voltage $U_n$            | 500 V AC, 600 V AC, 750 V AC, 1200 V AC, 400 V DC               |   |
| Rated current $I_n$            | DI, DII 2 - 25 A, DIII 32 - 63 A DIV 80 - 100 A, DV 125 - 200 A |   |
| Breaking capacity at 1,1 $U_n$ | 50 kA AC<br>8 kA DC   | $\cos\phi = 0,2$<br>$T = 15 \text{ ms}$ |
| Fusing characteristics         | gG, TDZ, DZ   |   |
| Insulating class               | C - VDE 0110  |   |
| Standards                      | DIN EN 60269-1, IEC 60269-1:2005-04 (VDE 0636 Teil 10): 1999-11 |   |
|                                | DIN EN 60269-3, IEC 60269-3:2003 (VDE 0636 Teil 30): 1995-12    |   |
|                                | DIN EN 60269-3-1, IEC 60269-3-1: 2004-07                        |   |
|                                | (VDE 0636 Teil 301): 1998-01                                    |   |
|                                | DIN VDE 0635/02.84  |   |

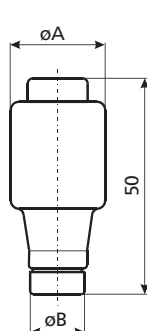
DI for fuse base E 16

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 2            | 13,2            | 6               |
| 4            | 13,2            | 6               |
| 6            | 13,2            | 6               |
| 10           | 13,2            | 8               |
| 16           | 13,2            | 10              |
| 20           | 13,2            | 12              |
| 25           | 13,2            | 14              |



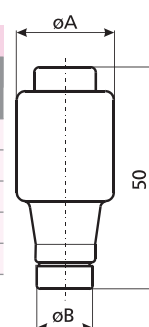
DII for fuse base E 27

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 2            | 21,5            | 6               |
| 4            | 21,5            | 6               |
| 6            | 21,5            | 6               |
| 10           | 21,5            | 8               |
| 13           | 21,5            | 8               |
| 16           | 21,5            | 10              |
| 20           | 21,5            | 12              |
| 25           | 21,5            | 14              |



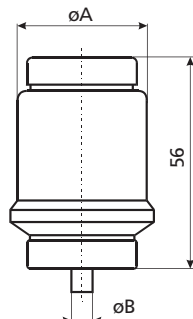
DIII for fuse base E 33

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 32           | 27              | 16              |
| 35           | 27              | 16              |
| 40           | 27              | 16              |
| 50           | 27              | 18              |
| 63           | 27              | 20              |



DIV for fuse base R1 1/4"

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 80           | 33              | 5               |
| 100          | 33              | 7               |

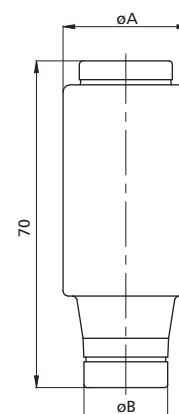


DV for fuse base R 2"

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 125          | 46              | 5               |
| 160          | 46              | 7               |
| 200          | 46              | 9               |

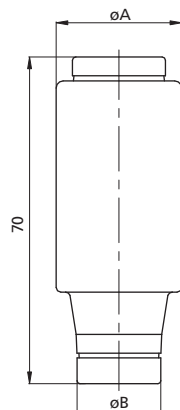
DIII gG, 690 V a.c.,  
600 V d.c.

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 2            | 27              | 6               |
| 4            | 27              | 6               |
| 6            | 27              | 6               |
| 10           | 27              | 8               |
| 16           | 27              | 10              |
| 20           | 27              | 12              |
| 25           | 27              | 14              |
| 35           | 27              | 16              |
| 50           | 27              | 18              |
| 63           | 27              | 20              |



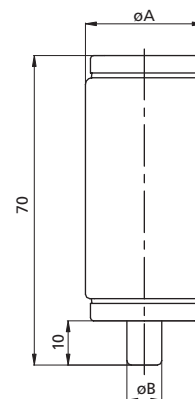
DIII gF, 750V a.c.

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 2            | 27              | 6               |
| 4            | 27              | 6               |
| 6            | 27              | 6               |
| 10           | 27              | 8               |
| 16           | 27              | 10              |
| 20           | 27              | 12              |
| 25           | 27              | 14              |
| 35           | 27              | 16              |

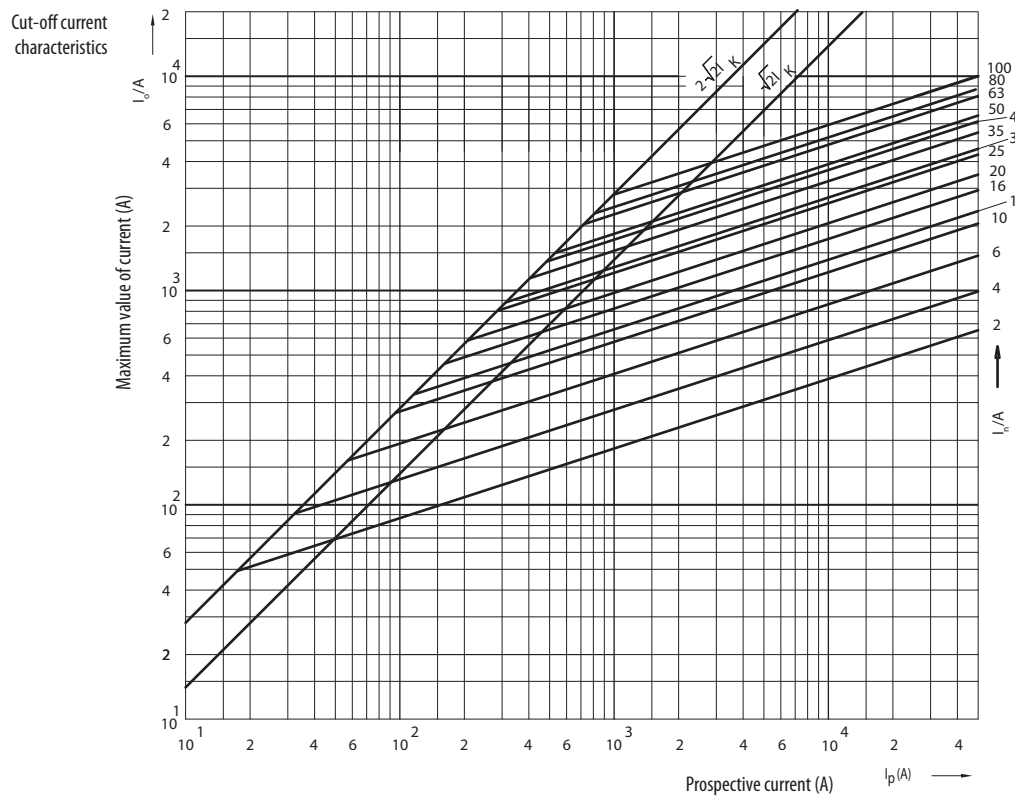
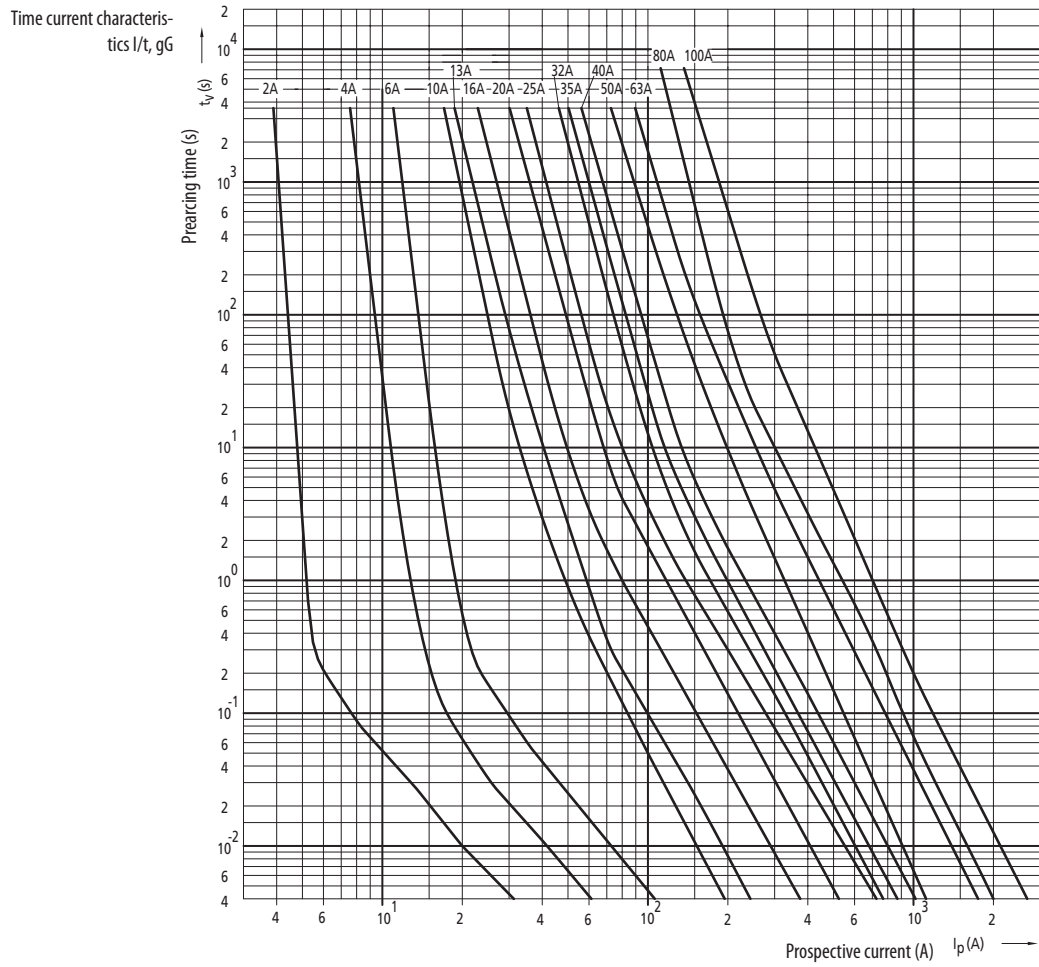


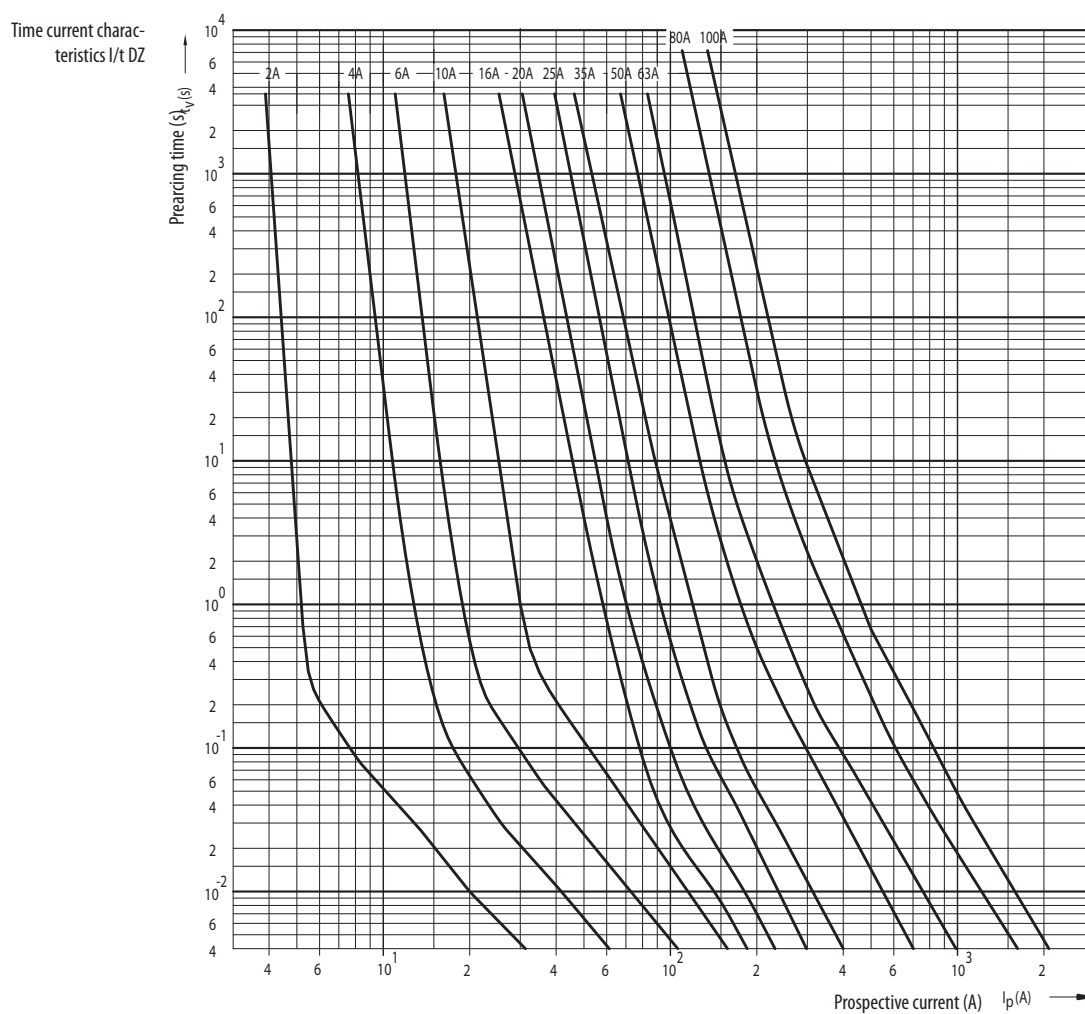
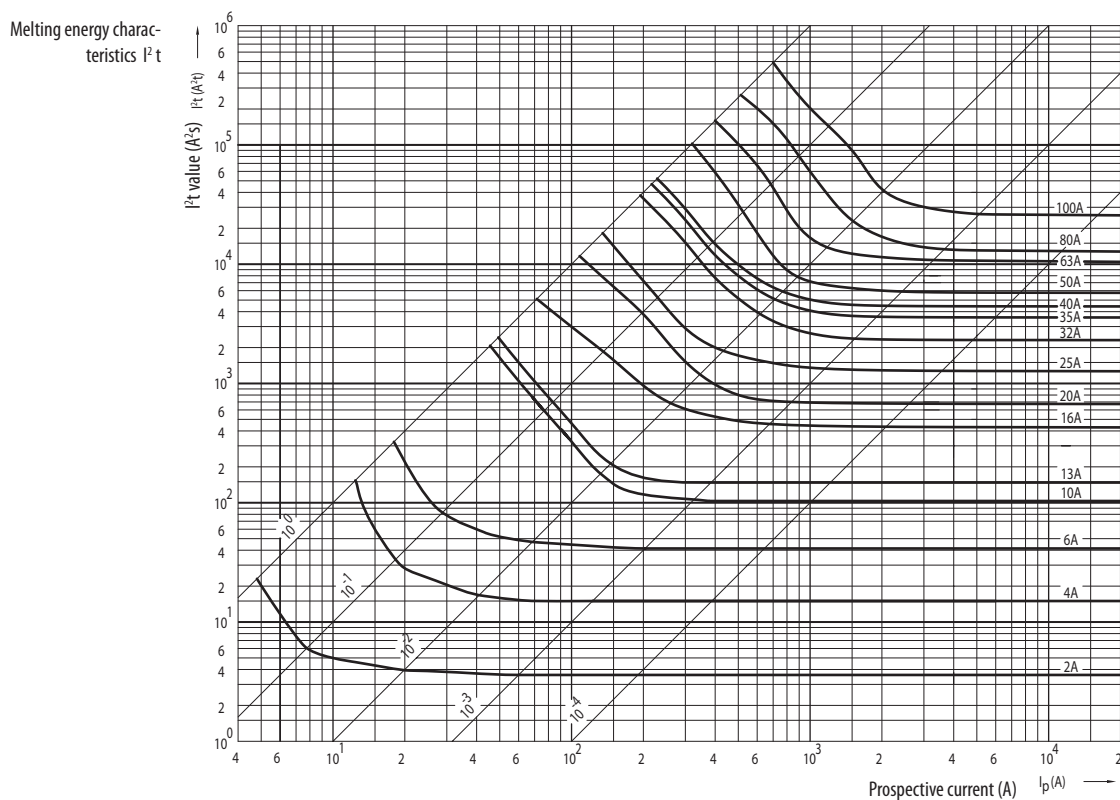
DIII gF, 1200 V a.c.

| $I_n$<br>[A] | dimension       |                 |
|--------------|-----------------|-----------------|
|              | $\varnothing A$ | $\varnothing B$ |
| 2            | 27              | 6               |
| 4            | 27              | 6               |
| 6            | 27              | 6               |
| 10           | 27              | 8               |
| 16           | 27              | 10              |
| 20           | 27              | 12              |
| 25           | 27              | 14              |
| 35           | 27              | 16              |

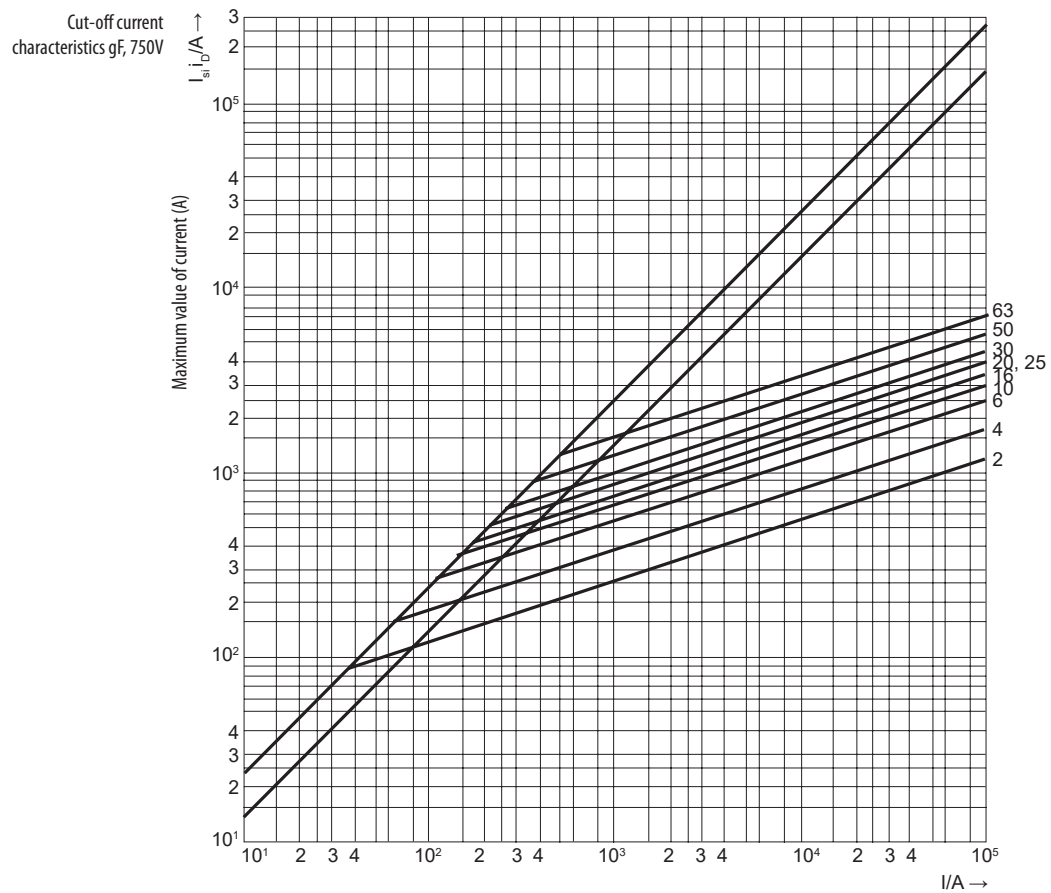
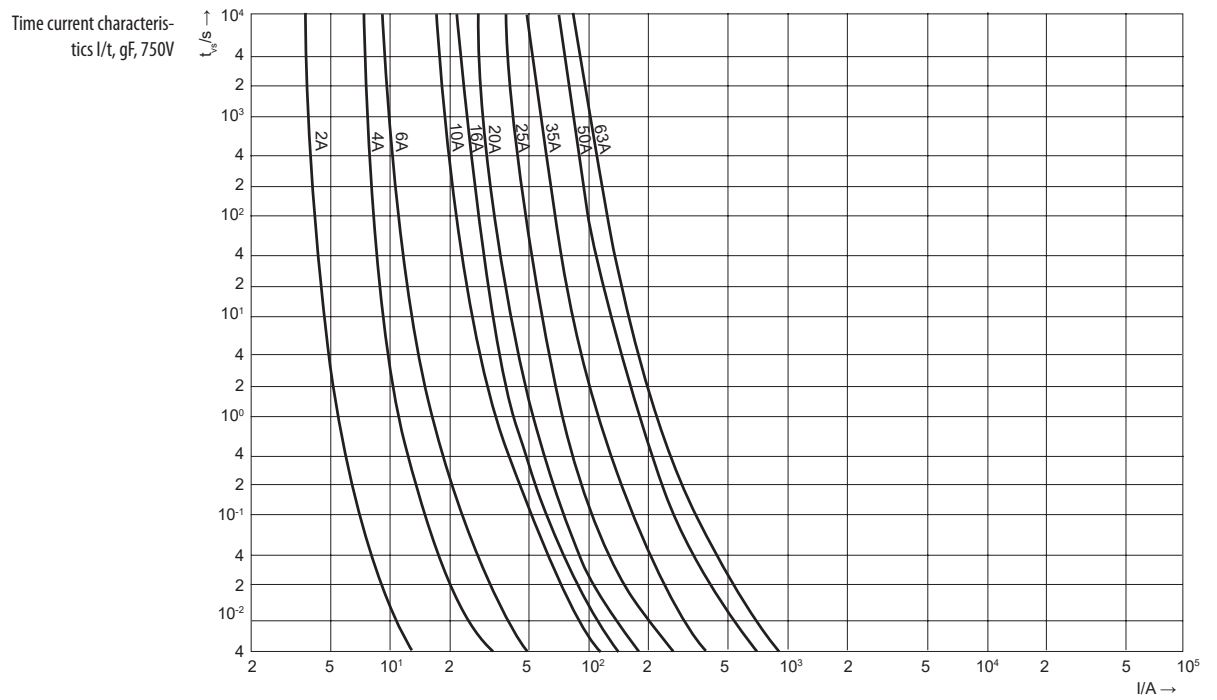


# Technical data

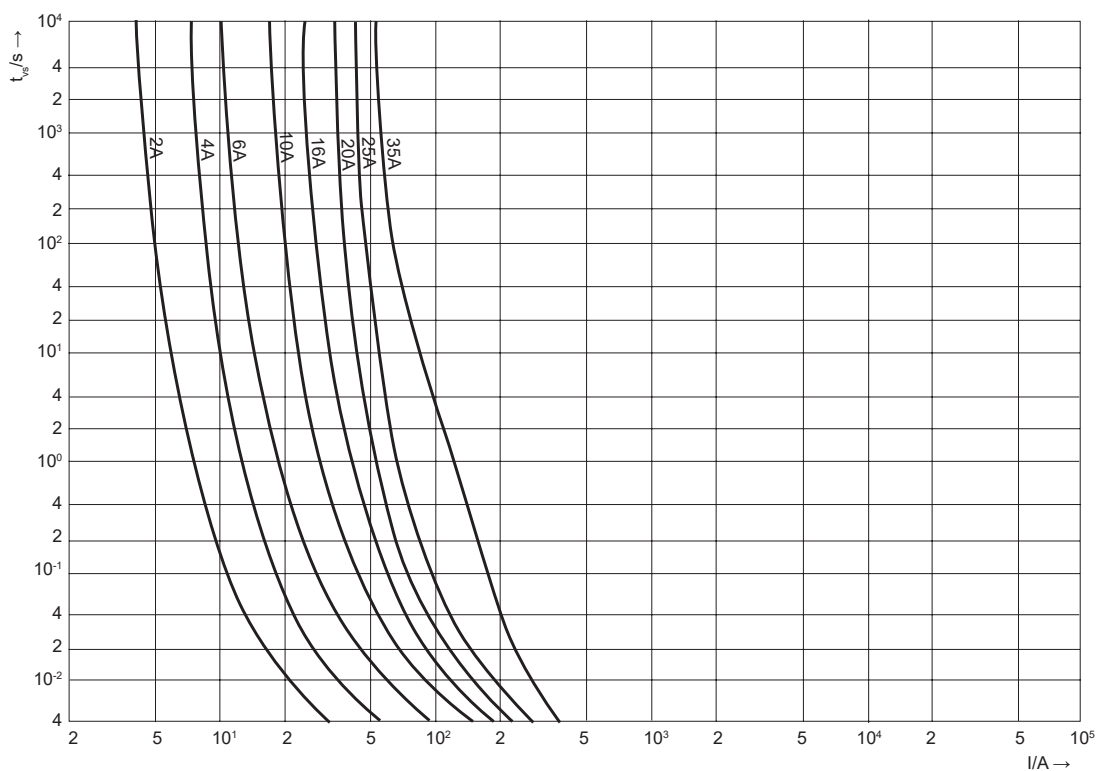




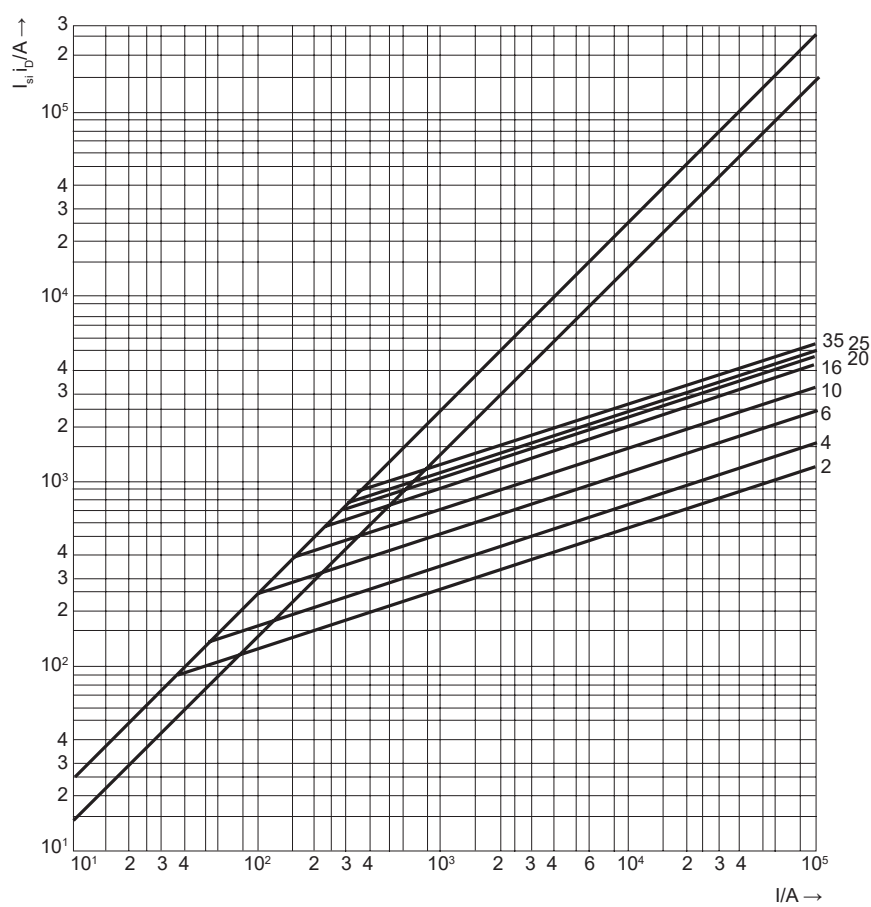
# Technical data



Time current characteristics I/t, gF, 1200V



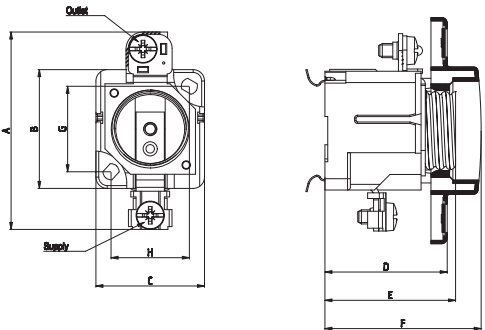
Cut-off current characteristics gF, 1200V



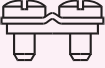





# Technical data



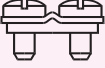
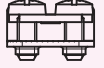
## 1-pole fuse base

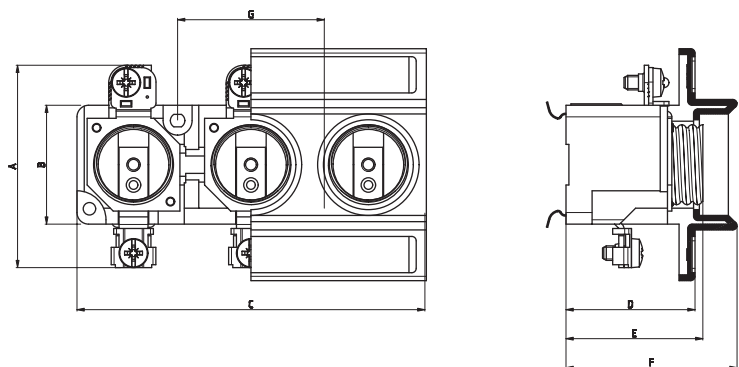
| Technical data:                  |  |
|----------------------------------|--|
| Rated voltage $U_n$              | 500 V, 690 V   |
| Rated current $I_n$              | DII 25 A, DIII 63 A  |
| Insulating class                 | according to IEC 60664-1                                   |
| Cross-section of connecting lead | DII 1 to 10 mm <sup>2</sup> DIII 2,5 to 25 mm <sup>2</sup> |
| Standards, publications          | IEC 60269, EN 60269, DIN VDE 0636                          |



| Fuse base EZN, EZV |     |  |   |           |    |    |    |    |    |    |    |
|--------------------|-----|--|---|-----------|----|----|----|----|----|----|----|
| type               | [A] | Connection   |   | dimension |    |    |    |    |    |    |    |
|                    |     | Supply   | Outlet  | A         | B  | C  | D  | E  | F  | G  | H  |
| EZN 25             | 25  |  M5     |  M5      | 70        | 42 | 39 | 44 | 47 | 56 | 30 | 27 |
| EZV 25             | 25  |  |   | 70        | 42 | 39 | 44 | 47 | 56 | 30 | 27 |
| EZN 25-ZP          | 25  |  |   | 70        | 42 | 39 | 44 | 47 | 56 | 30 | 27 |
| EZV 25-ZP          | 25  |  |   | 70        | 42 | 39 | 44 | 47 | 56 | 30 | 27 |
| EZN 63             | 63  |  2x M5 |  2x M5  | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |
| EZV 63             | 63  |  |   | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |
| EZN 63-ZP          | 63  |  |   | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |
| EZV 63-ZP          | 63  |  |   | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |
| EZN 63-M6          | 63  |  M6   |  2x M5 | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |
| EZV 63-M6          | 63  |  |   | 80        | 46 | 46 | 44 | 47 | 56 | 35 | 35 |

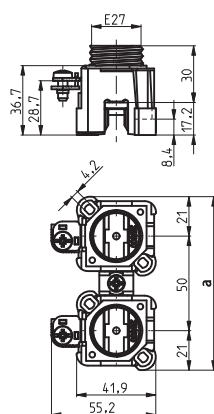
## 3-pole fuse base

| Fuse base EZN/3, EZV/3 - LINEAR |     |   |   |           |    |     |    |    |    |    |
|---------------------------------|-----|---|---|-----------|----|-----|----|----|----|----|
| type                            | [A] | Connection  |   | dimension |    |     |    |    |    |    |
|                                 |     | Supply  | Outlet  | A         | B  | C   | D  | E  | F  | G  |
| EZN 25/3                        | 25  |  M5    |  M5    | 70        | 41 | 121 | 44 | 47 | 59 | 50 |
| EZN 25/3-ZP                     | 25  |   |   | 70        | 41 | 121 | 44 | 47 | 59 | 50 |
| EZN 63/3                        | 63  |  2x M5 |  2x M5 | 80        | 43 | 148 | 44 | 47 | 56 | 62 |
| EZN 63/3-ZP                     | 63  |   |   | 80        | 43 | 148 | 44 | 47 | 56 | 62 |




## D fuse base - new generation

### SET EZR 25 2p - 10p

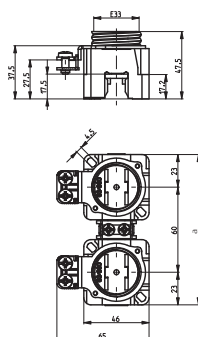


SET EZR 25 2p

#### Fuse base EZR 25


| type                     | connection<br>Supply & Outlet  | Cross-section of connecting lead |                           | Dimension a |
|--------------------------|--|----------------------------------|---------------------------|-------------|
|                          |  | Outlet [mm <sup>2</sup> ]        | Supply [mm <sup>2</sup> ] |             |
| SET EZR 25 2p-GEG 25.2   |  M5 | 35                               | 1 - 10                    | 92          |
| SET EZR 25 3p-GEG 25.3   |  | 35                               | 1 - 10                    | 142         |
| SET EZR 25 4p-GEG 25.4   |  | 35                               | 1 - 10                    | 192         |
| SET EZR 25 5p-GEG 25.5   |  | 35                               | 1 - 10                    | 242         |
| SET EZR 25 6p-GEG 25.6   |  | 35                               | 1 - 10                    | 292         |
| SET EZR 25 7p-GEG 25.7   |  | 35                               | 1 - 10                    | 342         |
| SET EZR 25 8p-GEG 25.8   |  | 35                               | 1 - 10                    | 392         |
| SET EZR 25 9p-GEG 25.9   |  | 35                               | 1 - 10                    | 442         |
| SET EZR 25 10p-GEG 25.10 |  | 35                               | 1 - 10                    | 491         |

### SET EZR 63 2p - 6p



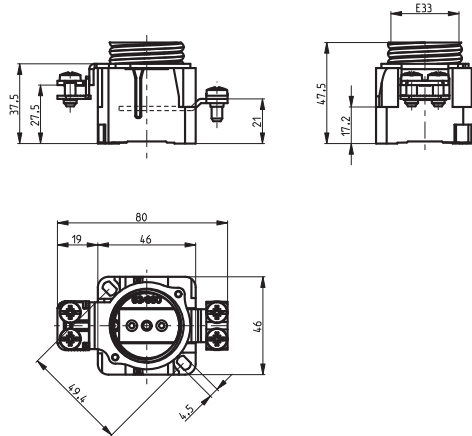
SET EZR 63 2p

#### Fuse base EZR 63

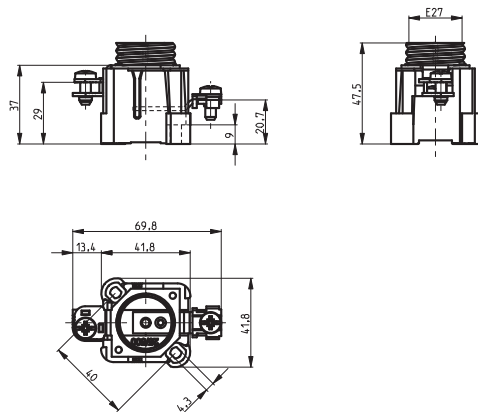
| type                   | Connection<br>Supply & Outlet   | Cross-section of connecting lead |                           | Dimension a |
|------------------------|---|----------------------------------|---------------------------|-------------|
|                        |   | Outlet [mm <sup>2</sup> ]        | Supply [mm <sup>2</sup> ] |             |
| SET EZR 63 2p-GEG 63.2 |  2x M5 | 35                               | 2.5 - 25                  | 106         |
| SET EZR 63 3p-GEG 63.3 |   | 35                               | 2.5 - 25                  | 166         |
| SET EZR 63 4p-GEG 63.4 |   | 35                               | 2.5 - 25                  | 226         |
| SET EZR 63 5p-GEG 63.5 |   | 35                               | 2.5 - 25                  | 286         |
| SET EZR 63 6p-GEG 63.6 |   | 35                               | 2.5 - 25                  | 346         |

# Technical data

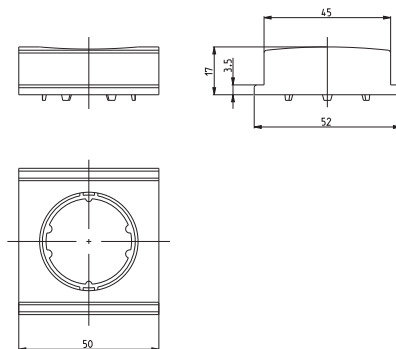
## Fuse base EZV 63 GS



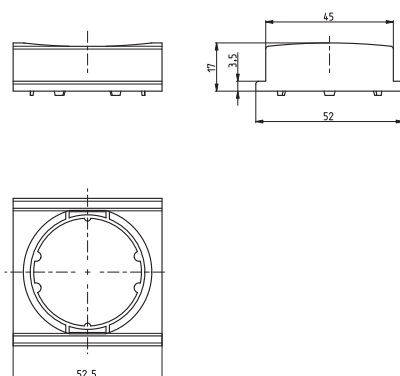
## Fuse base EZV 25 GS







## Protective cover GB 25.1



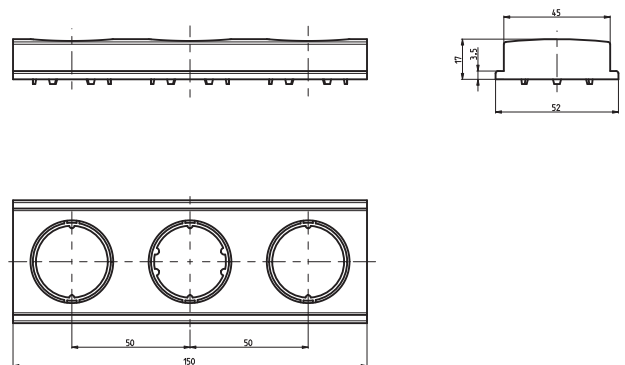
## Protective cover GB 63-52



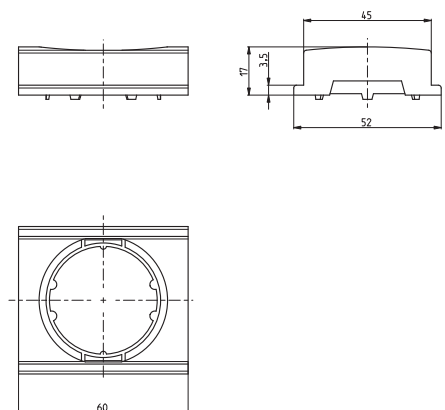
## Fuse base EZV

| type      | Connection  |   | Cross-section of connecting lead |              |
|-----------|---|---|----------------------------------|--------------|
|           | Supply  | Outlet  | Outlet [mm²]                     | Supply [mm²] |
| EZV 25 GS |  M5    |  M5    | 1 - 10                           | 1 - 10       |
| EZV 63 GS |  2x M5 |  2x M5 | 2.5 - 25                         | 2.5 - 25     |

## Protective cover GB 25.3

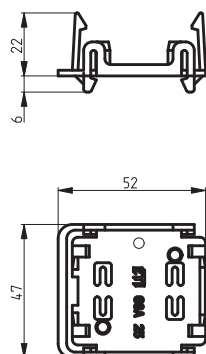


## Protective cover GB 63-60

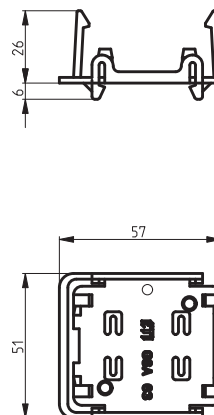




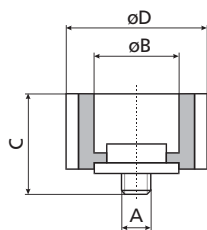
Plastic mounting plate GSA 25



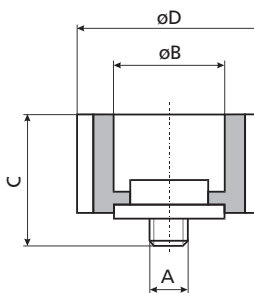
Plastic mounting plate GSA 63



Gauge Piece



VD II for fuse base E 27



VD III for fuse base E 33

VD II for fuse base E 27

| I <sub>n</sub><br>[A] | dimension |      |    |    |
|-----------------------|-----------|------|----|----|
|                       | A         | B    | C  | D  |
| 2                     | 3/16"     | 6,5  | 17 | 24 |
| 4                     | 3/16"     | 6,5  | 17 | 24 |
| 6                     | 3/16"     | 6,5  | 17 | 24 |
| 10                    | 3/16"     | 8,5  | 17 | 24 |
| 16                    | 3/16"     | 10,5 | 17 | 24 |
| 20                    | 3/16"     | 12,5 | 17 | 24 |
| 25                    | 3/16"     | 14,5 | 17 | 24 |

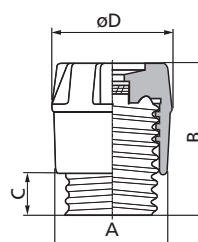
VD III for fuse base E 33

| I <sub>n</sub><br>[A] | dimension |      |    |    |
|-----------------------|-----------|------|----|----|
|                       | A         | B    | C  | D  |
| 35                    | 3/16"     | 16,5 | 17 | 30 |
| 50                    | 3/16"     | 18,5 | 17 | 30 |
| 63                    | 3/16"     | 20,5 | 17 | 30 |

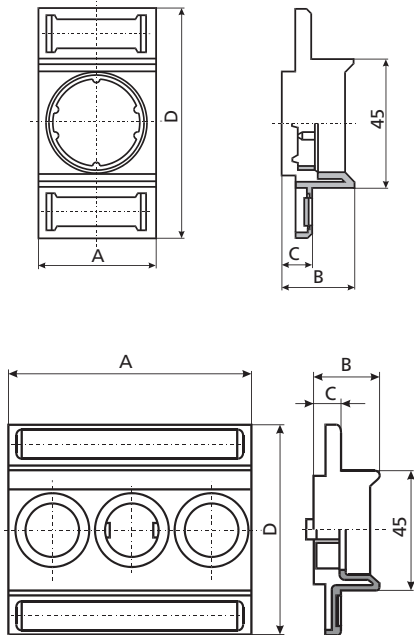
Fuse carrier D

Fuse carrier

| type   | dimension |    |    |    |
|--------|-----------|----|----|----|
|        | A         | B  | C  | D  |
| K DII  | 34        | 44 | 12 | 35 |
| K DIII | 43        | 44 | 12 | 43 |



## Protection cover



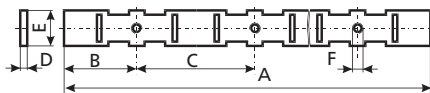
### 1-pole protection for fuse base

| type     | $I_n$<br>[A] | dimension |    |      |    |
|----------|--------------|-----------|----|------|----|
|          |              | A         | B  | C    | D  |
| EZN, EZV | 25           | 40        | 24 | 10,8 | 80 |
| EZN, EZV | 63           | 49        | 21 | 9    | 80 |

### 3-pole protection cover for fuse base

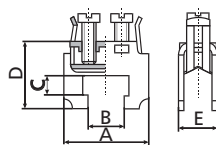
| type          | dimension |    |      |    |
|---------------|-----------|----|------|----|
|               | A         | B  | C    | D  |
| EZN, EZV 25/3 | 121       | 24 | 10,8 | 80 |
| EZN, EZV 63/3 | 148       | 21 | 9    | 80 |

## Busbar system for 1-pole fuse base EZR



### Busbar for fuse base EZR

| type | $I_n$<br>[A] | dimension |    |    |   |    |       |
|------|--------------|-----------|----|----|---|----|-------|
|      |              | A         | B  | C  | D | E  | F     |
| EZR  | 25           | 1000      | 32 | 52 | 3 | 16 | 3/16" |
| EZR  | 63           | 1000      | 38 | 62 | 3 | 16 | 3/16" |



### Terminals for neutral terminals and busbars EZR

| for cross section<br>[mm <sup>2</sup> ] | dimension |      |     |      |      |
|---|-----------|------|-----|------|------|
|   | A         | B    | C   | D    | E    |
| 16                                      | 25        | 12,5 | 3,5 | 17   | 7,3  |
| 35                                      | 28        | 12,5 | 6,5 | 21,5 | 12,6 |

