

# D fuse-links flink

500VAC/500VDC

## LOW VOLTAGE IEC FUSES

### DIN LV FUSE-LINKS D



The D fuse-system is the first generation of screw fuse-system in the German DIN standard. It is still used in many installations.

Applications are low voltage distribution units, where non trained persons are allowed to change the fuse-links.

The D flink fuse range comprises the sizes NDZ, DII, DIII.

The range of applications for D flink fuse-links is the protection of equipments. The D flink fuse-links, not standardized by the IEC, are fast fuse-links whereas D gG fuse links are considered in comparison as slow fuse-links.

## TECHNICAL DATA OVERVIEW

|                  |                |
|------------------|----------------|
| Voltage AC       | 500 VAC        |
| Voltage DC       | 500 VDC        |
| Ampere Range (A) | 2 ... 63 A     |
| Product Size     | NDZ, DII, DIII |

## FEATURES & BENEFITS

- Insulated body suitable for high mechanical and thermal impacts
- Top and bottom contacts made of nickel plated copper alloy
- Safe cut-off short circuits and over currents due to special design of fuse element
- Clear indication of operation condition due to coloured indicator on top contact
- Low power dissipation
- Optimized size
- Resistant to aging
- Free of lead, cadmium, mercury, chrome 6 (rohs conformity)

## APPLICATIONS

- House incoming units
- Meter distribution units
- Distribution cabinets
- Installation cabinets
- Fuse boxes



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## 500VAC/500VDC

### PRODUCT RANGE



NDZFK50V2

#### Size NDZ flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Weight | Package |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|--------|---------|
| NDZFK50V2      | C222918     | 500 V                  | 500 V                  | 2 A                          | pink   | 11.6 g | 25      |
| NDZFK50V4      | L200708     | 500 V                  | 500 V                  | 4 A                          | brown  | 11.2 g | 25      |
| NDZFK50V6      | A201250     | 500 V                  | 500 V                  | 6 A                          | green  | 11.2 g | 25      |
| NDZFK50V10     | L201766     | 500 V                  | 500 V                  | 10 A                         | red    | 12.4 g | 25      |
| NDZFK50V16     | D207049     | 500 V                  | 500 V                  | 16 A                         | grey   | 13.4 g | 25      |
| NDZFK50V20     | B211509     | 500 V                  | 500 V                  | 20 A                         | blue   | 14.4 g | 25      |
| NDZFK50V25     | Y212541     | 500 V                  | 500 V                  | 25 A                         | yellow | 16 g   | 25      |



DIIFK50V2

#### Size DII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Weight | Package |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|--------|---------|
| DIIFK50V2      | E213559     | 500 V                  | 500 V                  | 2 A                          | pink   | 26.4 g | 25      |
| DIIFK50V4      | D214064     | 500 V                  | 500 V                  | 4 A                          | brown  | 26 g   | 25      |
| DIIFK50V6      | L214577     | 500 V                  | 500 V                  | 6 A                          | green  | 26 g   | 25      |
| DIIFK50V10     | S215089     | 500 V                  | 500 V                  | 10 A                         | red    | 26.8 g | 25      |
| DIIFK50V10/6F  | X218152     | 500 V                  | 500 V                  | 10 A                         | red    | 1 g    | 25      |
| DIIFK50V16     | A216108     | 500 V                  | 500 V                  | 16 A                         | grey   | 29 g   | 25      |
| DIIFK50V20     | J217128     | 500 V                  | 500 V                  | 20 A                         | blue   | 31 g   | 25      |
| DIIFK50V25     | P217639     | 500 V                  | 500 V                  | 25 A                         | yellow | 31.6 g | 25      |



DIIIFK50V35

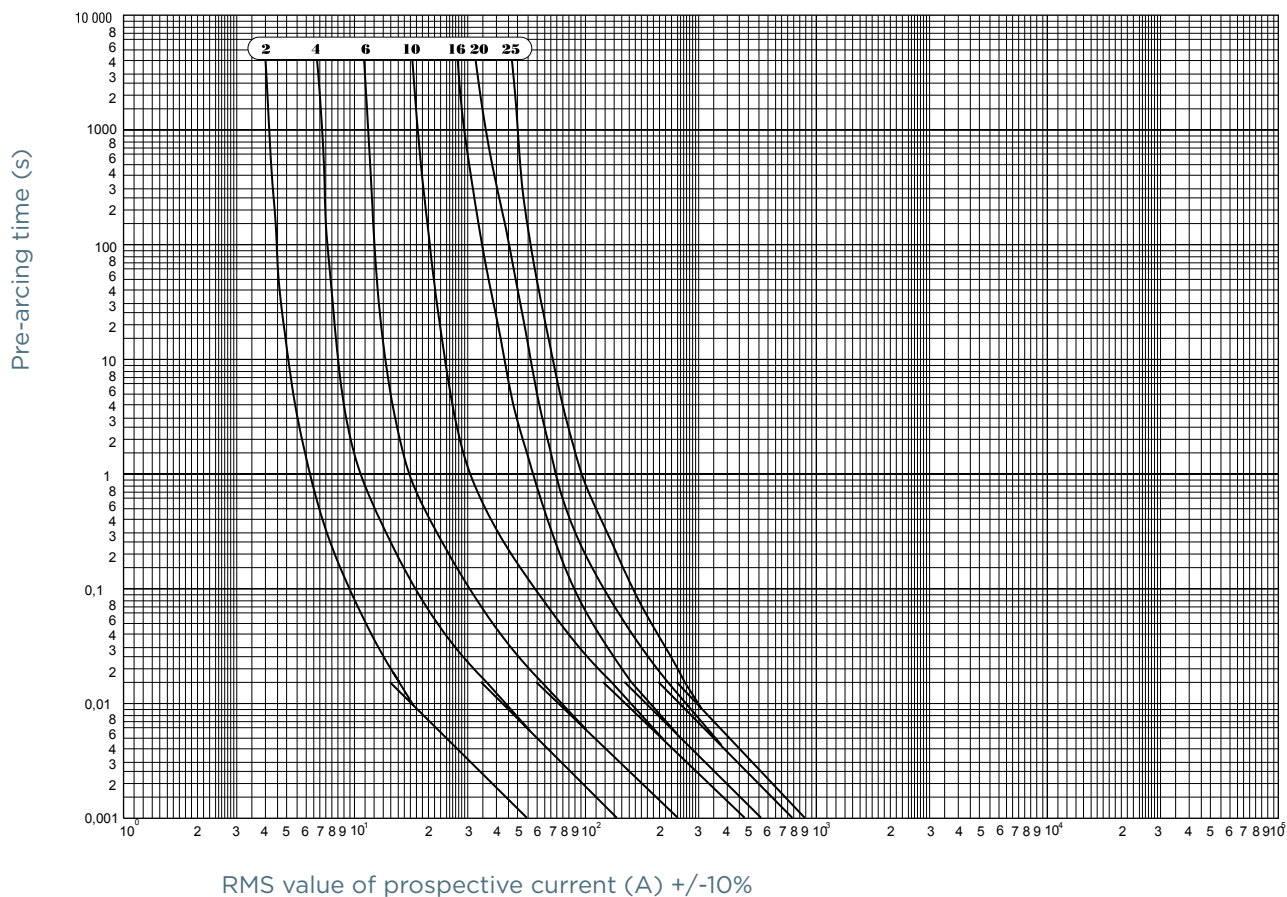
#### Size DIII flink

| Catalog number | Item number | Rated voltage AC (IEC) | Rated voltage DC (IEC) | Rated current I <sub>n</sub> | Colour | Weight | Package |
|----------------|-------------|------------------------|------------------------|------------------------------|--------|--------|---------|
| DIIIFK50V35    | J218669     | 500 V                  | 500 V                  | 35 A                         | black  | 50 g   | 25      |
| DIIIFK50V50    | J222165     | 500 V                  | 500 V                  | 50 A                         | white  | 50.8 g | 25      |
| DIIIFK50V63    | M200709     | 500 V                  | 500 V                  | 63 A                         | copper | 54.8 g | 25      |

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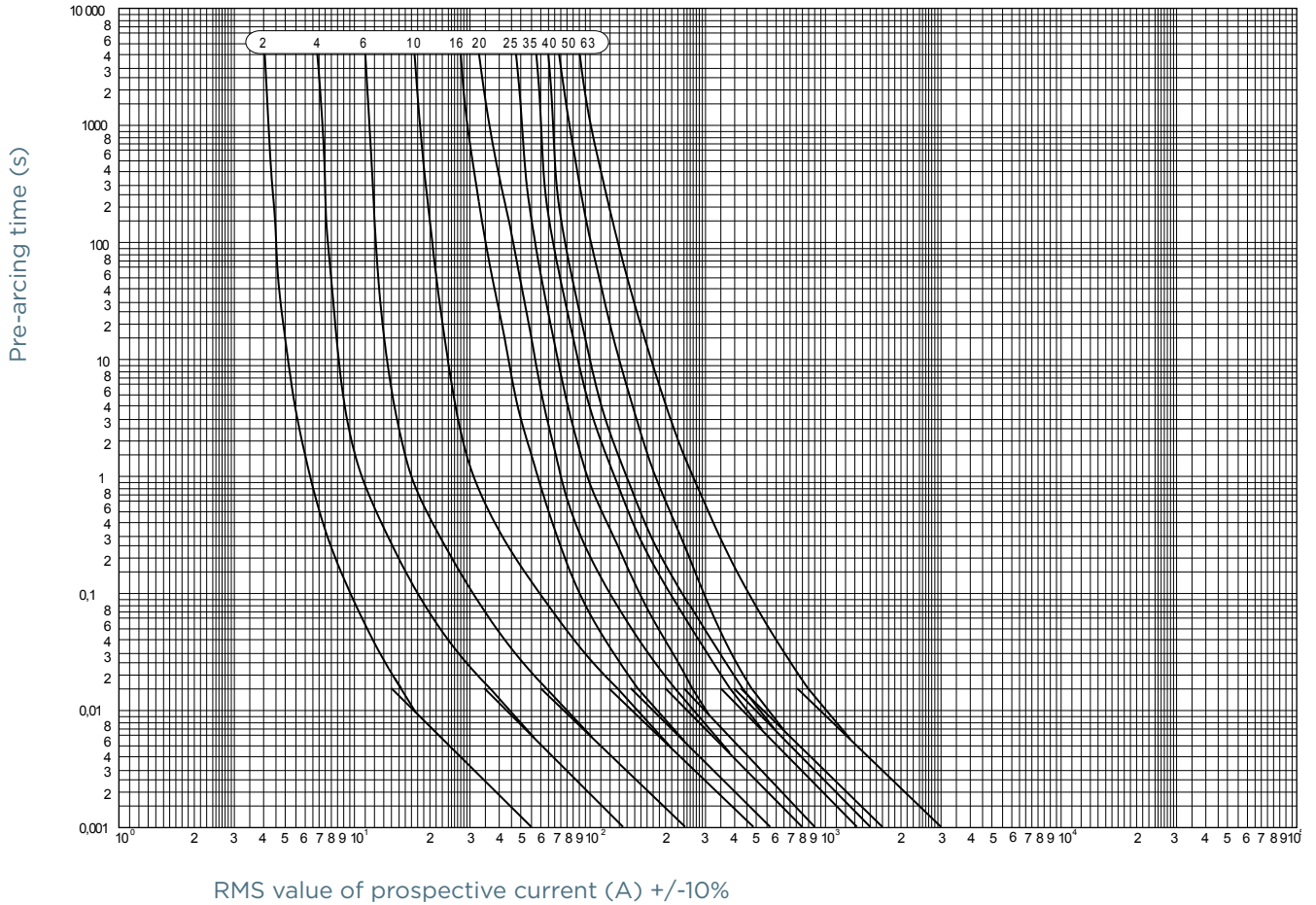
## TIME CURRENT CHARACTERISTIC CURVES

### NDZ flink 2-25A



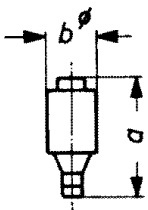
## TIME CURRENT CHARACTERISTIC CURVES

### DII-DIII flink 2-63A



## DIMENSIONS

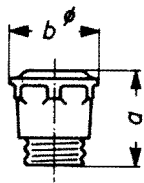
### D fuse-links



| Size | a  | bØ |
|------|----|----|
| NDZ  | 50 | 12 |
| DII  | 50 | 22 |
| DIII | 50 | 27 |

Dimensions in mm

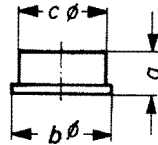
### D screw-caps



| Article Number | a  | bØ   |
|----------------|----|------|
| 00590.000200   | 42 | 34   |
| 00591.00200    | 43 | 42   |
| 00589.000200   | 34 | 27   |
| 00605.000000   | 65 | 42.5 |
| 00690.000000   | 42 | 34   |
| 00691.000000   | 43 | 42   |
| 02071.000000   | 42 | 33   |
| 02072.000000   | 43 | 40   |

Dimensions in mm

### D touch-protection-rings



| Article Number | a    | bØ   | cØ   |
|----------------|------|------|------|
| 00181.900000   | 17,5 | 44.5 | 40.5 |
| 00182.900000   | 19   | 54   | 50.5 |

Dimensions in mm