

LV HRC fuse element, NH000, In: 50 A, gG, Un AC: 500 V, Un DC: 250 V, Front indicator, live grip lugs



| Model                                        |                                 |
|----------------------------------------------|---------------------------------|
| Product brand name                           | SETRON                          |
| Product designation                          | LV HRC fuse link                |
| Design of the product                        | With blade contacts             |
| Design of an identification indicator        | Front indicators                |
| Design of the switching contact              | Non-corroding, silver-plated    |
| Design of the fuse link                      | LV HRC fuse link                |
| General technical data                       |                                 |
| Size of fuse system / acc. to DIN EN 60269-1 | NH000                           |
| Operating class of the fuse link             | gG                              |
| circuit-breaker / Design                     | 3NA3                            |
| Type of voltage                              | AC/DC                           |
| Current / at AC / rated value                | 50 A                            |
| Supply voltage                               |                                 |
| • at AC / rated value                        | 500 V                           |
| • at DC                                      | 250 V                           |
| Protection class                             |                                 |
| Protection class IP                          | IP20, with connected conductors |

## Switching capacity

### Switching capacity current

- at DC / acc. to IEC 60947-2 / rated value 25 kA
- acc. to IEC 60947-2 / rated value 120 kA

## Dissipation

|                                                                                             |       |
|---------------------------------------------------------------------------------------------|-------|
| Power loss [W]                                                                              | 3.8 W |
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 3.8 W |

## Current

|                                                               |                     |
|---------------------------------------------------------------|---------------------|
| Tripping residual / rated value / derated current / at 40 Cel | 47.5 A              |
| Diken-export / Let-through energy                             | DE_3NA_00_500_gG_50 |

## Mechanical Design

|                    |                          |
|--------------------|--------------------------|
| Width              |                          |
| • of the enclosure | 21 mm                    |
| Mounting position  | Any, preferably vertical |
| Net weight         | 131 g                    |

## Environmental conditions

|                        |                                     |
|------------------------|-------------------------------------|
| Ambient temperature    | -5 ... +40 °C                       |
| • during storage       | Air humidity 90% at 20 °C           |
| Environmental category | -20 to +50 at 95% relative humidity |

## Certificates

|                          |   |
|--------------------------|---|
| Reference code           |   |
| • acc. to DIN EN 61346-2 | F |
| • acc. to DIN EN 81346-2 | F |

### General Product Approval

### Declaration of Conformity

### Test Certificates



CSA



KEMA



VDE



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

### Test Certificates

[Miscellaneous](#)

### Shipping Approval



GL

### other

[Environmental Confirmations](#)

[Miscellaneous](#)

## Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NA3820>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3NA3820>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

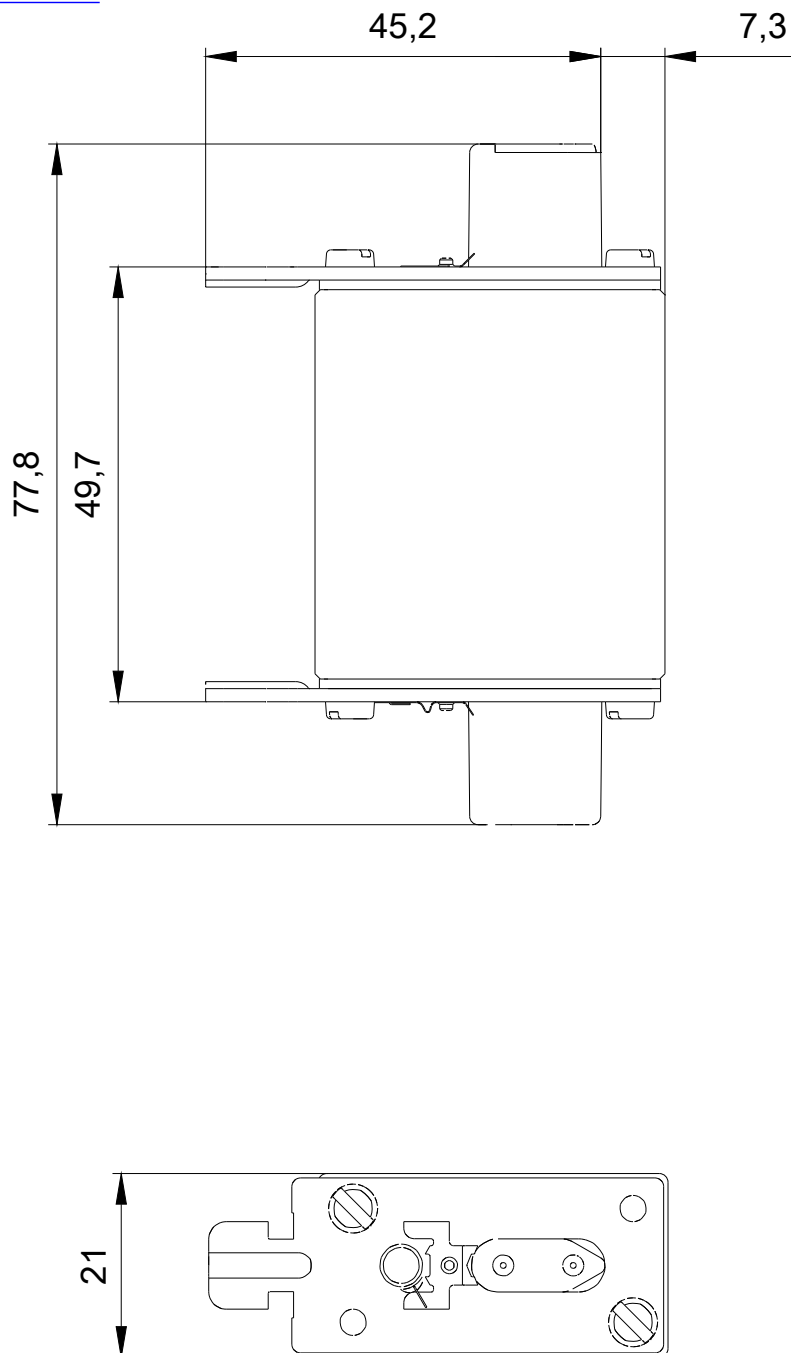
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NA3820](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA3820)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

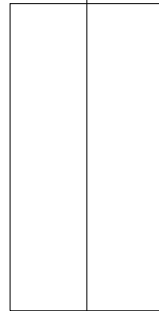
**Tender specifications**

<http://www.siemens.com/specifications>



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