



LV HRC fuse element, NH000, In: 100 A, gG, Un AC: 500 V, Un DC: 250 V, Combined indicator, live grip lugs

| Model                                                                               |                                 |
|-------------------------------------------------------------------------------------|---------------------------------|
| product brand name                                                                  | SENTRON                         |
| product designation                                                                 | LV HRC fuse link                |
| design of the product                                                               | With blade contacts             |
| design of an identification indicator                                               | Combination alarms              |
| 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 according to EN 60269-1                                         | NH000                           |
| operating class of the fuse link                                                    | gG                              |
| mounting type                                                                       | non-insulated grip lugs         |
| type of voltage of the operating voltage                                            | AC/DC                           |
| 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 according to IEC 60947-2 rated value                                        | 25 kA                           |
| • according to IEC 60947-2 rated value                                              | 120 kA                          |
| Dissipation                                                                         |                                 |
| power loss [W]                                                                      | 6.95 W                          |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 6.95 W                          |
| Current                                                                             |                                 |
| operational current                                                                 |                                 |
| • at 30 °C rated value                                                              | 98 A                            |
| • at 40 °C rated value                                                              | 95 A                            |
| • at 45 °C rated value                                                              | 92 A                            |
| • at 50 °C rated value                                                              | 90 A                            |
| • at 55 °C rated value                                                              | 88 A                            |
| • at 60 °C rated value                                                              | 86 A                            |
| • at AC rated value                                                                 | 100 A                           |
| Mechanical Design                                                                   |                                 |
| width of the enclosure                                                              | 21 mm                           |
| mounting position                                                                   | Any, preferably vertical        |
| net weight                                                                          | 130 g                           |
| Environmental conditions                                                            |                                 |
| ambient temperature during operation                                                |                                 |

- minimum
- maximum

environmental category  
environmental category during storage

-5 °C  
40 °C  
-20 to +50 at 95% relative humidity  
90% at 20°C

#### General Product Approval

#### Declaration of Conformity

#### Test Certificates

[Confirmation](#)



[Special Test Certificate](#)

#### Test Certificates

#### Marine / Shipping

#### other

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)



[Environmental Confirmations](#)

[Miscellaneous](#)

[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=3NA7830>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA7830>

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

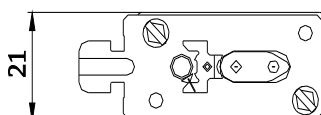
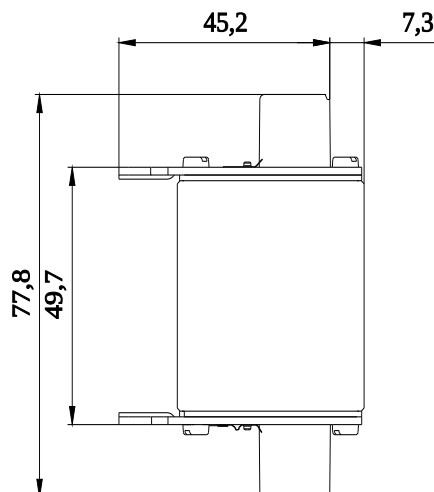
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NA7830](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA7830)

CAX-Online-Generator

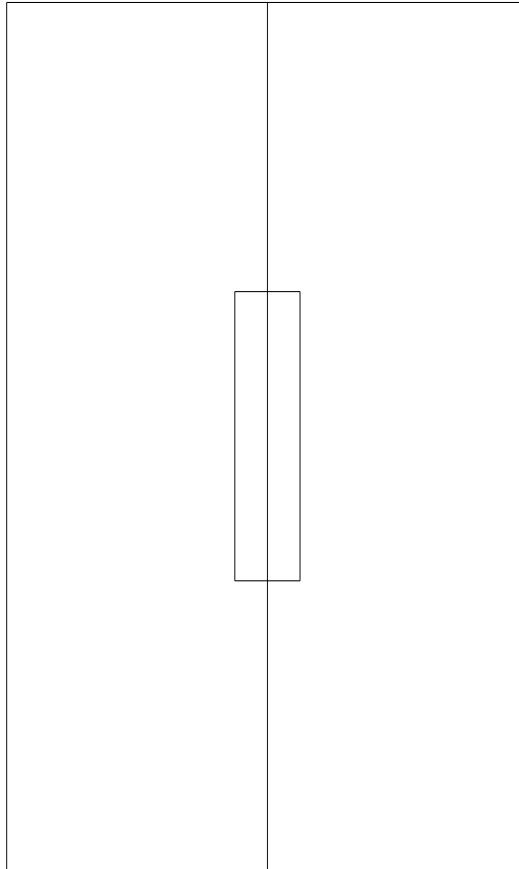
<http://www.siemens.com/cax>

Tender specifications

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



**-F**



**FU**

