SIEMENS

## Data sheet 3NA3830

Siemens EcoTech

LV HRC fuse element, NH000, In: 100 A, gG, Un AC: 500 V, Un DC: 250 V, Front 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** | 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 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 |
| **operational current at AC rated value** | 100 A |
| **supply voltage** | |
| • at AC | 500 V |
| • at DC | 250 V |
| **Protection class** | |
| **protection class IP** | IP20, with connected conductors |
| **Breaking Capacity** | |
| **breaking capacity at AC according to IEC 60269 rated value** | 120 kA |
| **breaking capacity at DC with time constant ≤ 10 ms according to IEC 60269 rated value** | 25 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** | 7 W |
| **Mechanical Design** | |
| **width of the enclosure** | 21 mm |
| **mounting position** | Any, preferably vertical |
| **Net Weight** | 130 g |
| **Environmental conditions** | |
| **ambient temperature during operation** | |
| • minimum | -5 °C |
| • maximum | 40 °C |
| **environmental category** | -20 to +50 at 95% relative humidity |
| **environmental category during storage** | 90% at 20°C |


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## Certificates

| | |
|---|---|
| **reference code according to IEC 81346-2** | FC |

## Approvals Certificates

| **Environment** | | | | | **General Product Approval** |
|---|---|---|---|---|---|
| Environmental Confirmations | Environmental Confirmations | | | | |

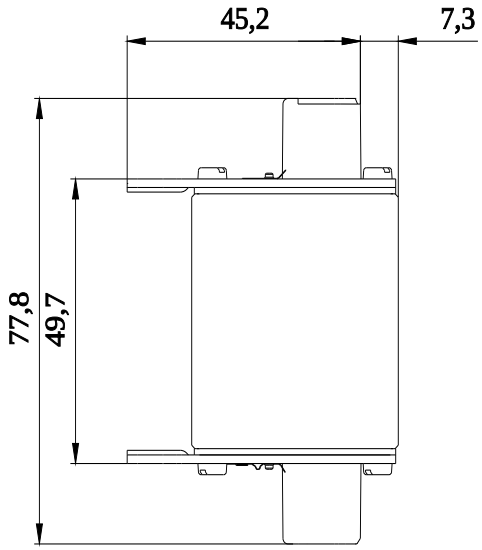
| **General Product Approval** | | | | | **Test Certificates** |
|---|---|---|---|---|---|
| | | | Confirmation | | Special Test Certificate |

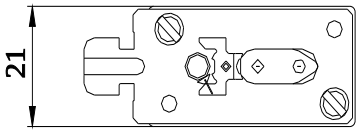
| **Maritime application** | **other** | | |
|---|---|---|---|
| | Miscellaneous | Confirmation | |

## Further information

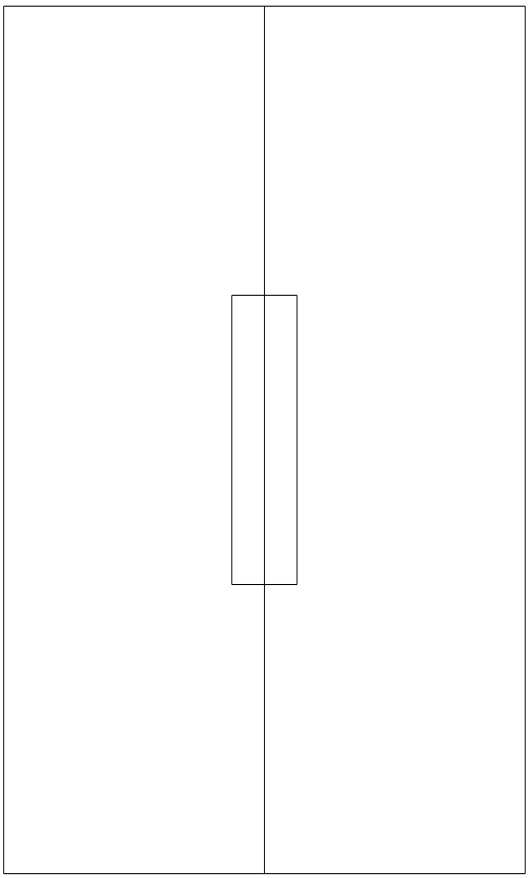
**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NA3830
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3NA3830
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA3830
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
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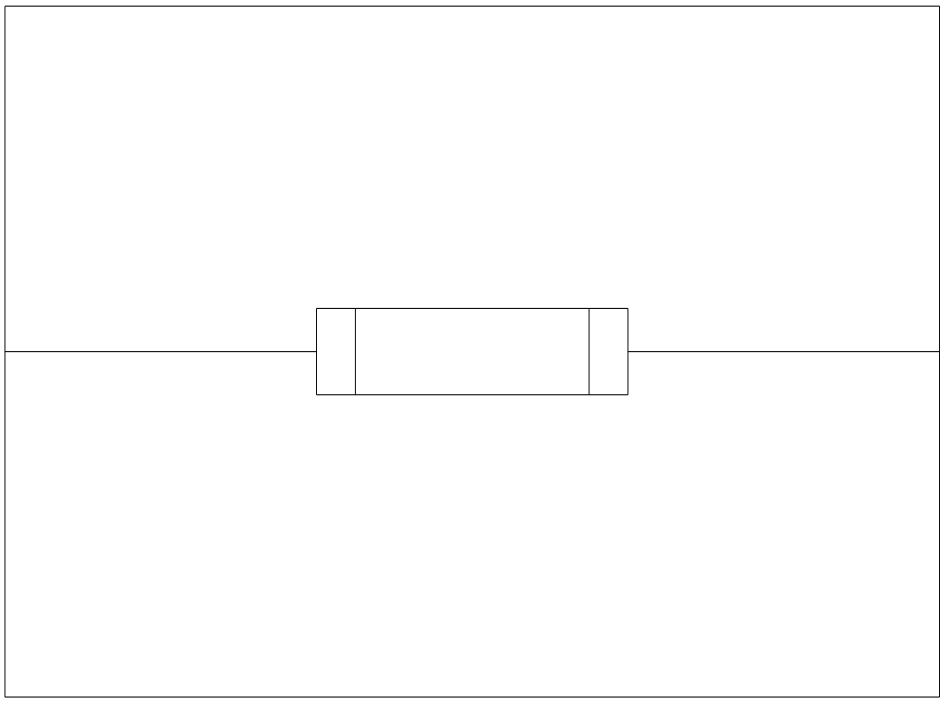




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