



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 | 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 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 |
| Environmental footprint | |
| Environmental Product Declaration (EPD) | Yes |
| global warming potential [CO ₂ eq] total | 8.16 kg |

| | |
|--|-----------|
| global warming potential [CO2 eq] during manufacturing | 1.42 kg |
| global warming potential [CO2 eq] during operation | 6.79 kg |
| global warming potential [CO2 eq] after end of life | -0.086 kg |

Certificates

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

Approvals Certificates

General Product Approval



EG-Konf.

[Confirmation](#)


| Test Certificates | Maritime application | other | | Environment |
|-------------------|----------------------|-------|--|-------------|
|-------------------|----------------------|-------|--|-------------|

[Special Test Certificate](#)

[Confirmation](#)
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[Environmental Confirmations](#)

Environment


[Environmental Confirmations](#)

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

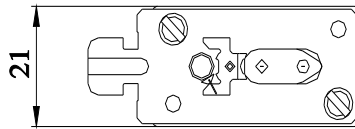
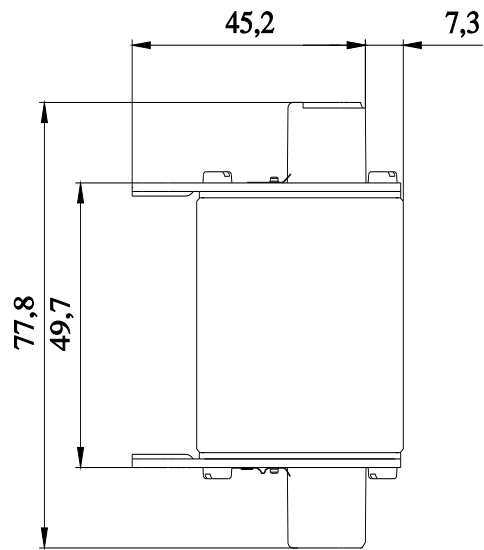
<https://www.siemens.com/cax>

Tender specifications

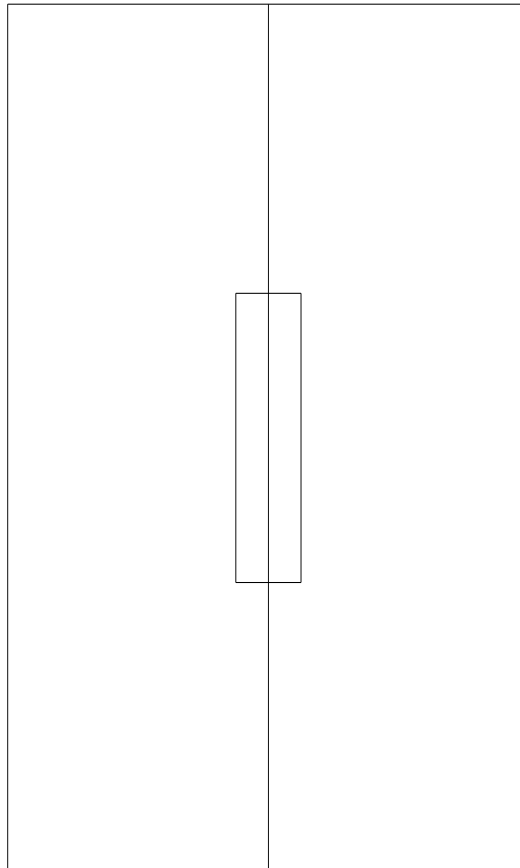
<https://www.siemens.com/specifications>

Characteristic curves

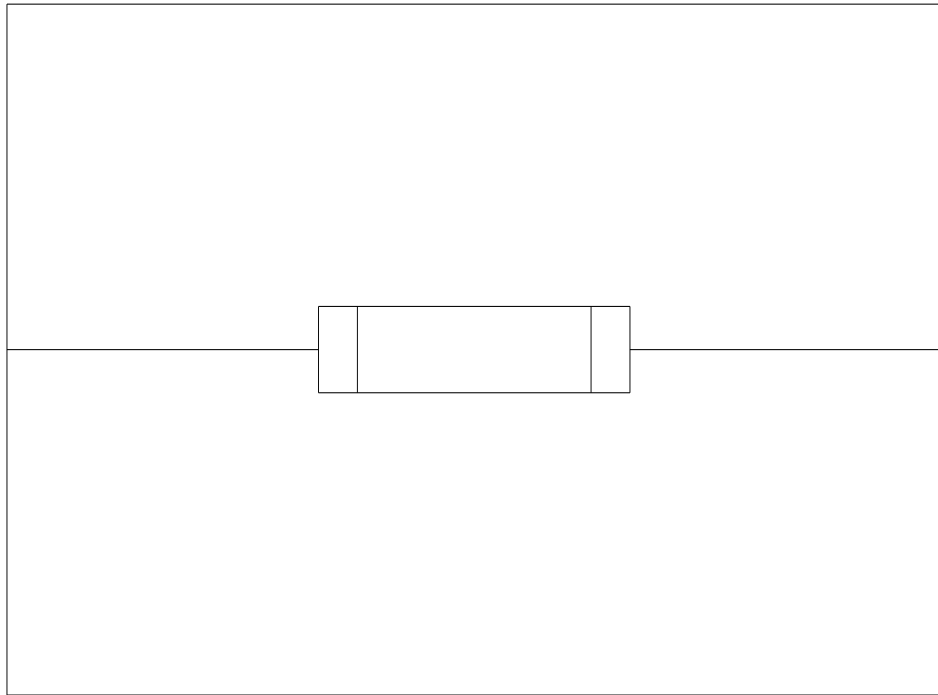
[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)



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