



LV HRC fuse element, NH1, In: 100 A, gG, Un AC: 500 V, Un DC: 440 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 | NH1 |
| 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 | 440 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] | 8.45 W |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 8 W |
| Mechanical Design | |
| width of the enclosure | 30 mm |
| mounting position | Any, preferably vertical |
| Net Weight | 289 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 [CO2 eq] total | 24.7 kg |
| global warming potential [CO2 eq] during manufacturing | 3.24 kg |

| | |
|---|----------|
| global warming potential [CO2 eq] during operation | 21.6 kg |
| global warming potential [CO2 eq] after end of life | -0.19 kg |

Certificates

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

Approvals Certificates

| | |
|--------------------------|-------------------|
| General Product Approval | Test Certificates |
|--------------------------|-------------------|



[Special Test Certificate](#)

| | | |
|----------------------|-------|-------------|
| Maritime application | other | Environment |
|----------------------|-------|-------------|



[Confirmation](#)

[Miscellaneous](#)



[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,...)

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mifb=3NA3130>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA3130>

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

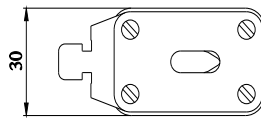
http://www.automation.siemens.com/bilddb/cax_en.aspx?mifb=3NA3130

CAX-Online-Generator

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

Tender specifications

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



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