

LV HRC fuse element, NH1, In: 80 A, gG, Un AC: 500 V, Un DC: 440 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	NH1
Operating class of the fuse link	gG
circuit-breaker / Design	3NA3
type of voltage	AC/DC
Operating current / at AC / rated value	80 A
Supply voltage	
• at AC / rated value	500 V
• at DC	440 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] 7.5 W

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole 7.5 W

## Current

Tripping residual / rated value / derated current / at 40 Cel 76 A

Diken-export / Let-through energy DE\_3NA\_1\_500\_gG\_80

## Mechanical Design

- Width / of the enclosure 30 mm

mounting position Any, preferably vertical

net weight 289 g

## Environmental conditions

### Ambient temperature

- minimum -5 °C
- maximum 40 °C

Ambient temperature / 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
- Reference code / acc. to DIN EN 81346-2 F

### General Product Approval

### Declaration of Conformity

### Test Certificates



CSA



VDE



EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

### Shipping Approval

### other



GL

[Environmental Conformations](#)

[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?mfb=3NA3124>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA3124>

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

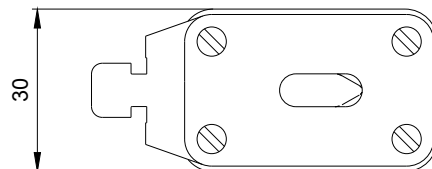
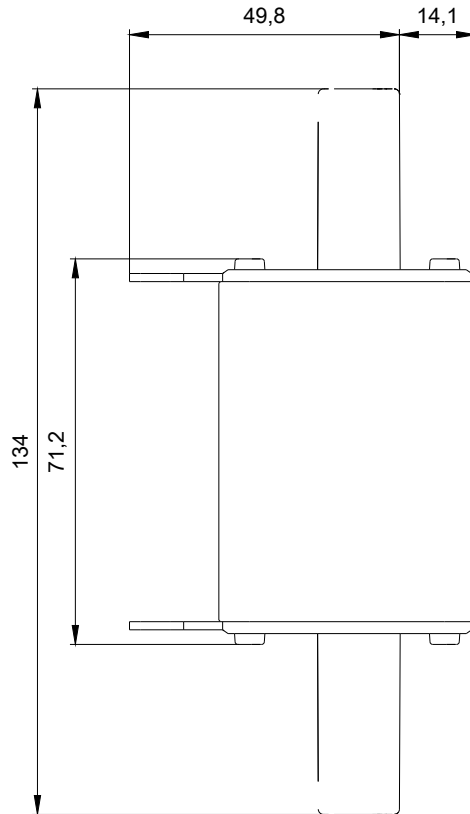
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3NA3124](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3NA3124)

**CAX-Online-Generator**

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

**Tender specifications**

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



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-F1



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