



LV HRC fuse element, NH000, In: 80 A, aM, Un AC: 500 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	aM
mounting type	non-insulated grip lugs
type of voltage of the operating voltage	AC
supply voltage	
• at AC rated value	500 V
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
switching capacity current	
• according to IEC 60947-2 rated value	120 kA
Dissipation	
power loss [W]	4.5 W
power loss [W] for rated value of the current at AC in hot operating state per pole	4.5 W
Current	
operational current	
• at 30 °C rated value	78.4 A
• at 40 °C rated value	76 A
• at 45 °C rated value	73.6 A
• at 50 °C rated value	72 A
• at 55 °C rated value	70.4 A
• at 60 °C rated value	68.8 A
• at AC rated value	80 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	-5 °C
• maximum	40 °C

environmental category  
environmental category during storage

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

General Product Approval

Declaration of Conformity

Test Certificates

[Confirmation](#)



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

other

[Miscellaneous](#)

[Environmental Confirmations](#)

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=3ND1824>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3ND1824>

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

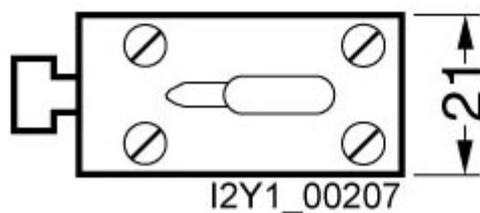
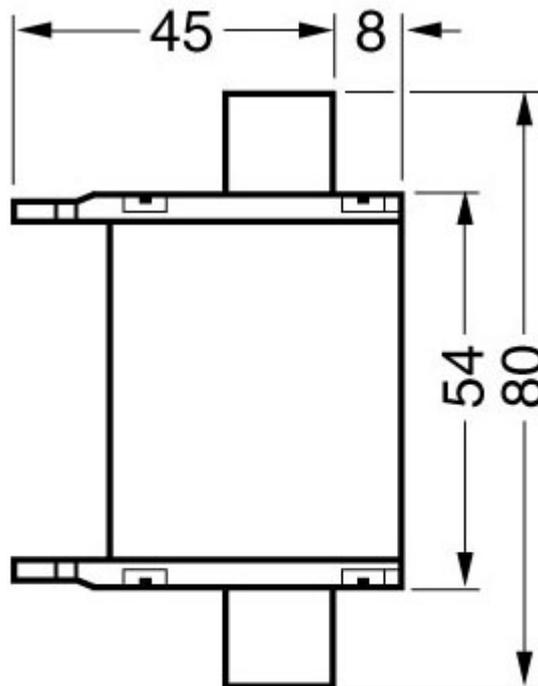
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3ND1824](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3ND1824)

CAX-Online-Generator

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

Tender specifications

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



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F1



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