SIEMENS

Data sheet 3ND1822

LV HRC fuse element, NH000, In: 63 A, aM, 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 / acc. to DIN EN 60269-1	NH000
circuit-breaker / Design	3ND
Type of voltage	AC
Current / at AC / rated value	63 A
Supply voltage	
• at AC / rated value	500 V

Protection class	
Protection class IP	IP20, with connected conductors

Switching capacity	
Switching capacity current	

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• acc. to IEC 60947-2 / rated value	120 kA

Dissipation

Power loss [W]	3.3 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.3 W

Current

Tripping residual / rated value / derated current / at 40 Cel	59.85 A

Mechanical Design

Width	
• of the enclosure	21 mm
Mounting position	Any, preferably vertical
Net weight	111 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
• acc. to DIN EN 81346-2	F

Declaration of Conformity	Test Certificates		other
CE EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report	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=3ND1822

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3ND1822

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3ND1822

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

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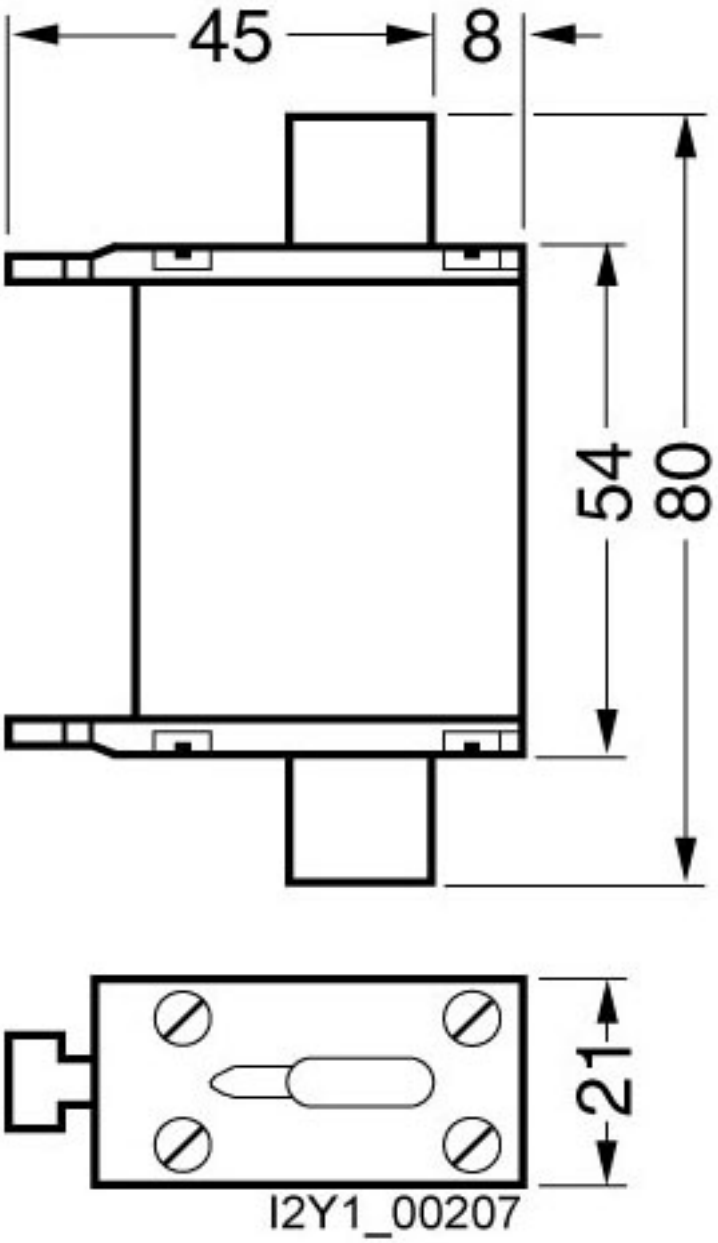

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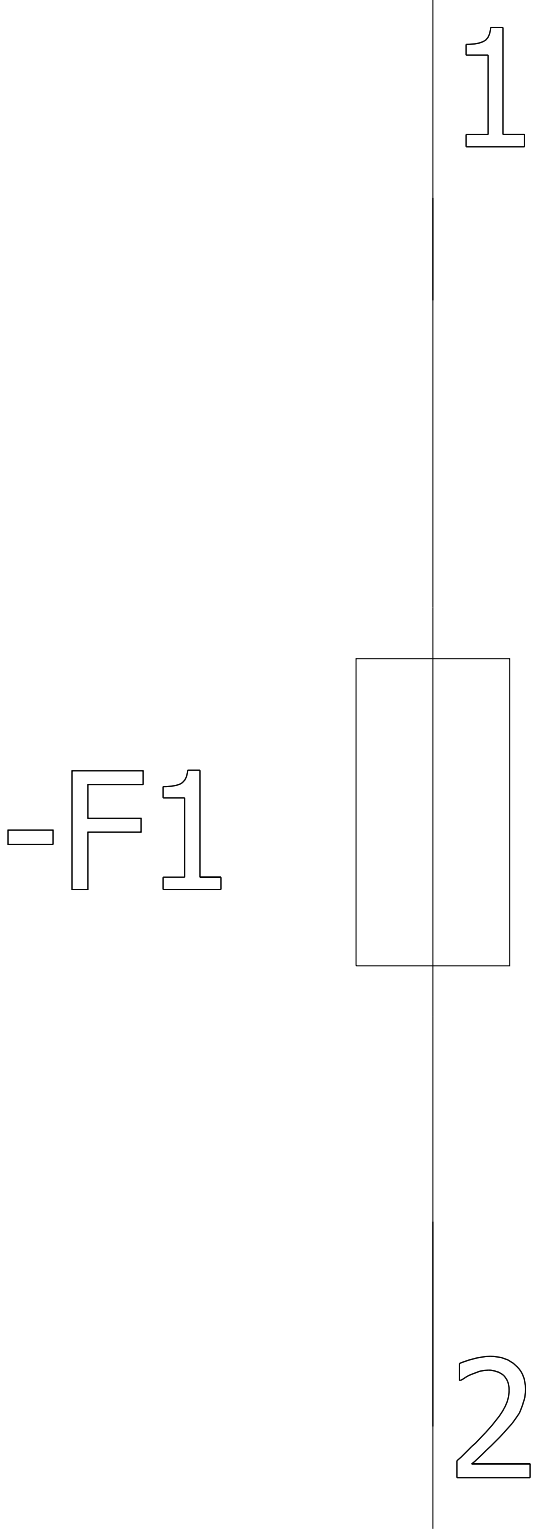

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