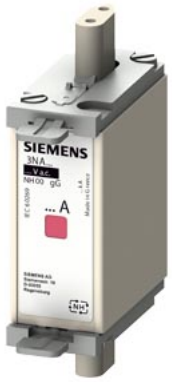
SIEMENS

Data sheet 3NA6824

Siemens EcoTech

LV HRC fuse element, NH000, In: 80 A, gG, Un AC: 500 V, Un DC: 250 V, Combined indicator, Insulated 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	Combination alarms
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	insulated grip lugs
type of voltage of the operating voltage	AC/DC
operational current at AC rated value	80 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]	5.8 W
power loss [W] for rated value of the current at AC in hot operating state per pole	6 W
Mechanical Design	
width of the enclosure	21 mm
mounting position	Any, preferably vertical
Net Weight	132 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

Subject to change without notice
© Copyright Siemens

Certificates

reference code according to IEC 81346-2	FC

Approvals Certificates

Environment

Environmental Con-firmations

Environmental Con-firmations

General Product Approval

General Product Approval

Confirmation

Maritime application

other

Miscellaneous

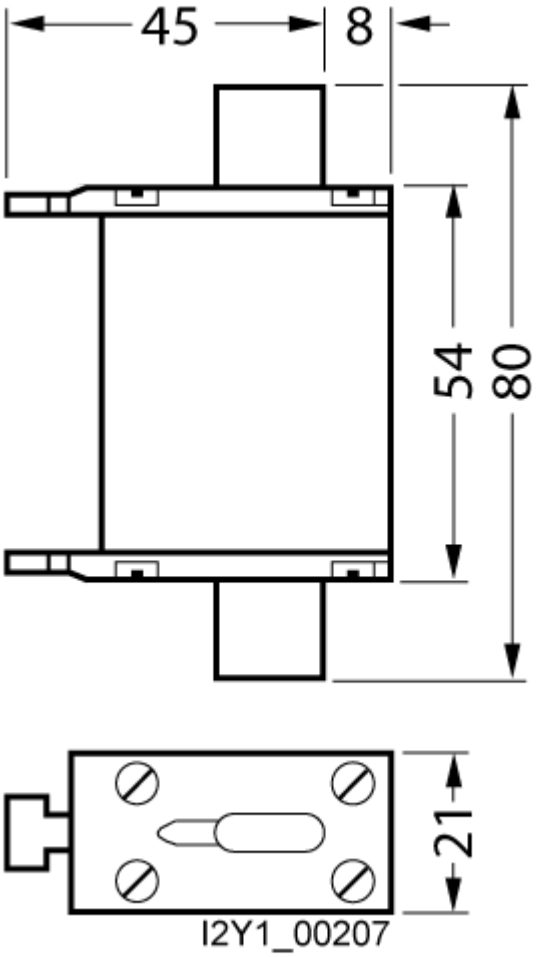
other

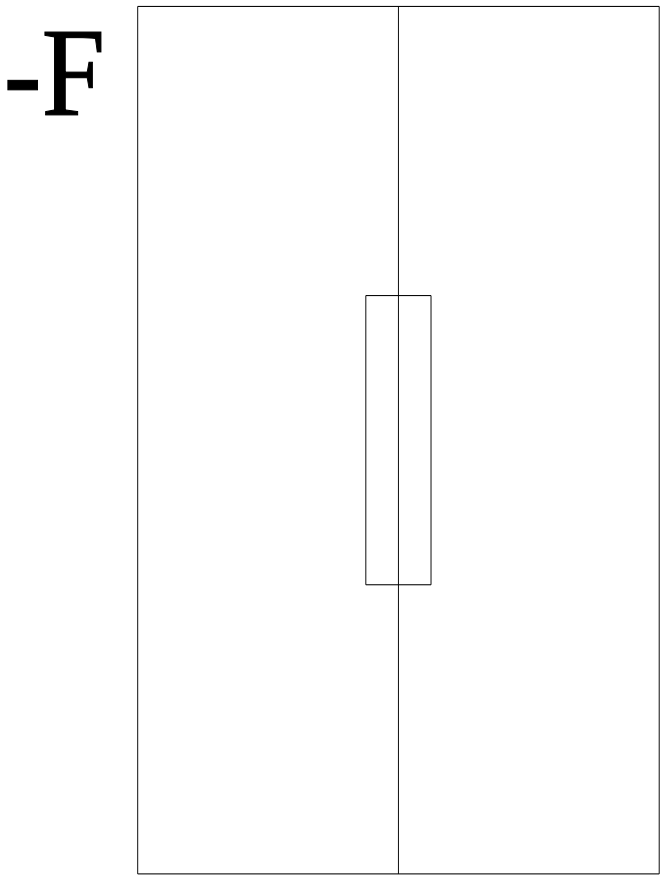
Confirmation

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=3NA6824
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3NA6824
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA6824
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications
Kennlinien
https://curves.simaris.siemens.com/curves/3NA6824

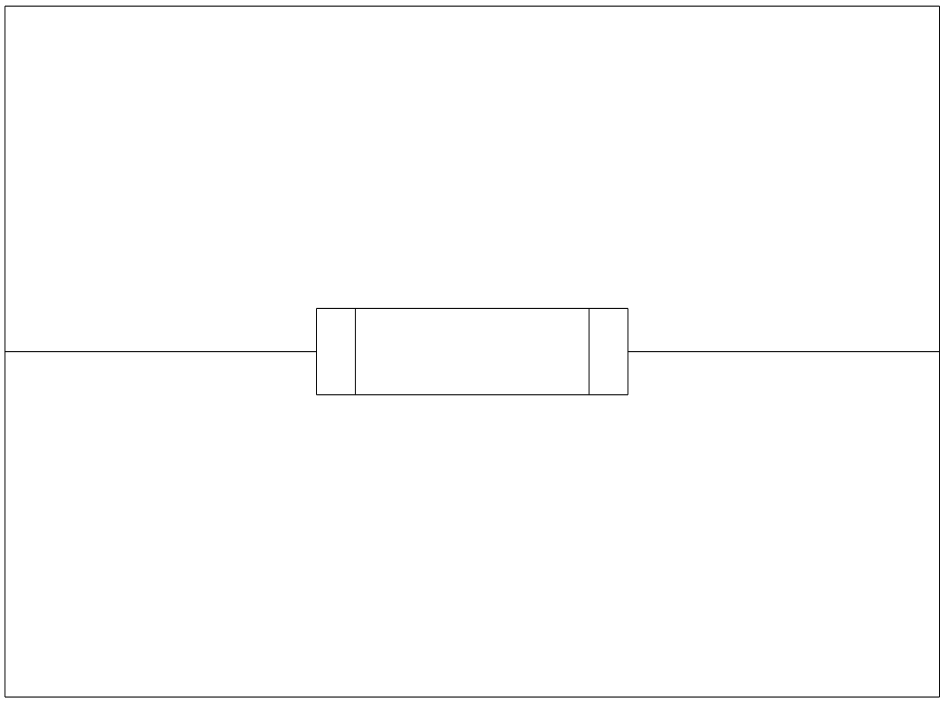
© Copyright Siemens





Subject to change without notice
© Copyright Siemens

FU



last modified: 5/16/2026

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens