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Data sheet 3ND1820



Figure similar

LV HRC fuse element, NH000, In: 50 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
operational current at AC rated value	50 A
supply voltage	
● at AC	500 V
Protection class	
protection class IP	IP20, with connected conductors
Breaking Capacity	
breaking capacity at AC according to IEC 60269 rated value	120 kA
Dissipation	
power loss [W]	2.4 W
power loss [W] for rated value of the current at AC in hot operating state per pole	2 W
Mechanical Design	
width of the enclosure	21 mm
mounting position	Any, preferably vertical
Net Weight	131 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
Certificates	
reference code according to IEC 81346-2	FC
Approvals Certificates	

Environment	General Product Approval

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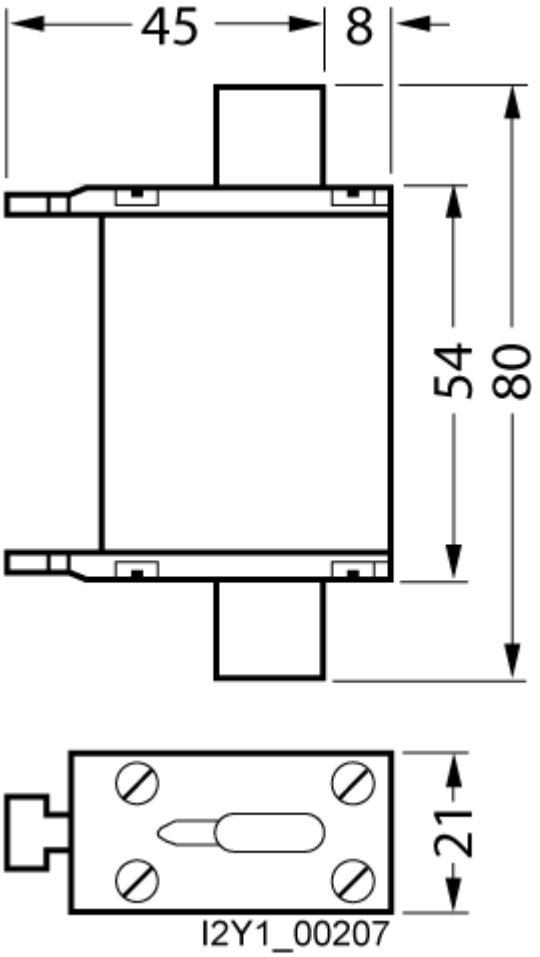
Environmental Confirmations | Environmental Confirmations | | | Confirmation | CE EG-Konf.

General Product Approval	Test Certificates	other
UKCA	Miscellaneous	Confirmation

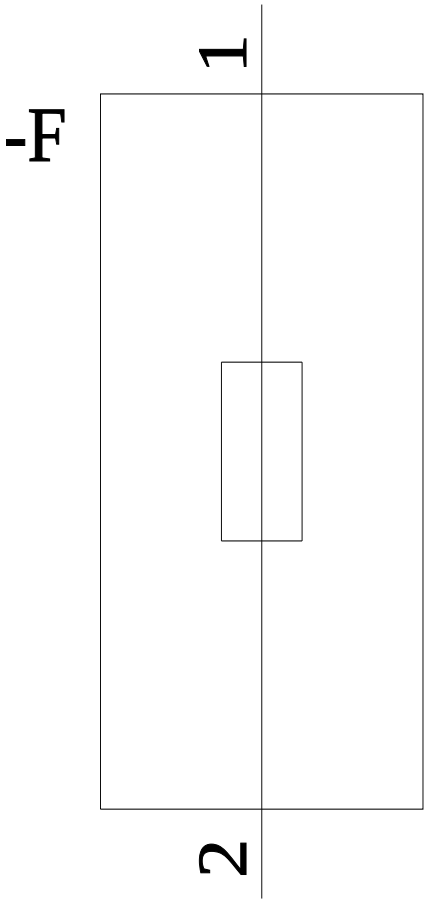
产品合格 QC PASS

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=3ND1820
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3ND1820
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3ND1820
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
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