SIEMENS

Data sheet 3NA3142

Siemens EcoTech

LV HRC fuse element, NH1, In: 224 A, gG, 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 according to EN 60269-1	NH1
operating class of the fuse link	gG
mounting type	non-insulated grip lugs
type of voltage of the operating voltage	AC/DC
operational current at AC rated value	224 A
supply voltage	
• at AC	500 V
• at DC	440 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]	16.1 W
power loss [W] for rated value of the current at AC in hot operating state per pole	16 W
Mechanical Design	
width of the enclosure	47.2 mm
mounting position	Any, preferably vertical
Net Weight	441 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

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Certificates

reference code according to IEC 81346-2	FC

Approvals Certificates

Environment

Environmental Confirmations

Environmental Confirmations

General Product Approval

General Product Approval

VDE

EAC

Confirmation

CE EG-Konf.

UKCA

Test Certificates

Special Test Certificate

Maritime application

DNV

other

Miscellaneous

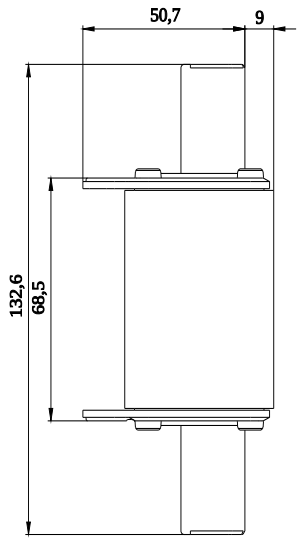
Confirmation

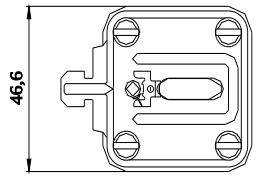
产品合格 QC PASS

Further information

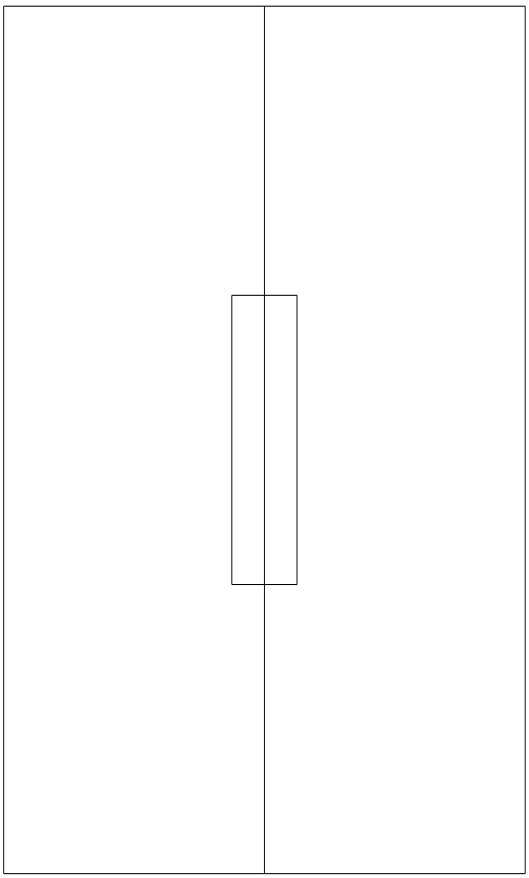
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/lowvoltage/catalogs
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3NA3142
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3NA3142
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA3142
CAx-Online-Generator
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Tender specifications
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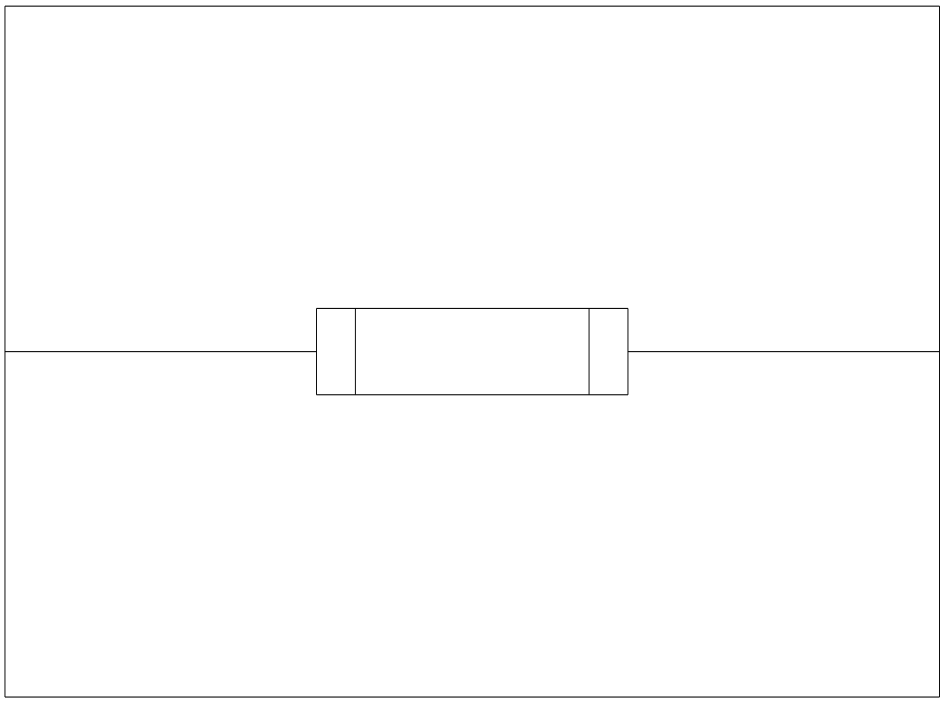


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