

LV HRC fuse element, NH000, In: 80 A, gG, Un AC: 500 V, Un DC: 250 V, Combined indicator, live grip lugs



Model	
Product brand name	SETRON
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 / acc. to DIN EN 60269-1	NH000
Operating class of the fuse link	gG
circuit-breaker / Design	3NA7
Type of voltage	AC/DC
Operating current / at AC / rated value	80 A
Supply voltage	
• at AC / rated value	500 V
• at DC	250 V
Protection class	
Protection class IP	IP20, with connected conductors

Switching capacity

Switching capacity current

- | | |
|---|--------|
| • at DC / acc. to IEC 60947-2 / rated value | 25 kA |
| • acc. to IEC 60947-2 / rated value | 120 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	5.8 W

Current

Tripping residual / rated value / derated current / at 40 Cel	76 A
Diken-export / Let-through energy	DE_3NA_00_500_gG_80

Mechanical Design

Width	
• of the enclosure	21 mm
Mounting position	Any, preferably vertical
Net weight	122 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

General Product Approval			Declaration of Conformity	Test Certificates	
				Type Test Certificates/Test Report	Special Test Certificate
CSA	KEMA	VDE	EG-Konf.		

Test Certificates	Shipping Approval	other
Miscellaneous		Miscellaneous
	GL	

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=3NA7824>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA7824>

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

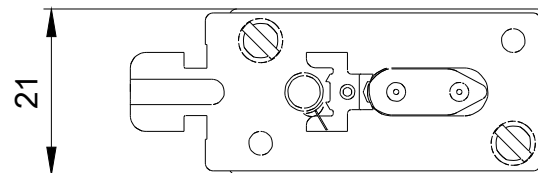
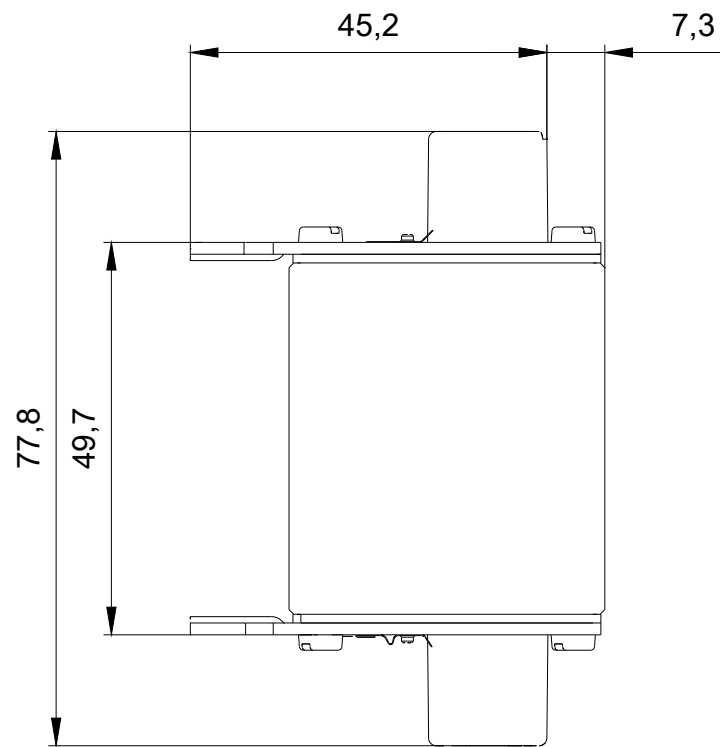
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA7824

CAX-Online-Generator

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

Tender specifications

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



1

-F1



2

