



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	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
type of voltage	AC/DC
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	
operational current	
• at 30 °C / rated value	78.4 A
• at 40 °C / rated value	76 A
• at 45 °C / rated value	73.6 A
• at 50 °C / rated value	72 A
• at 55 °C / rated value	70.4 A
• at 60 °C / rated value	68.8 A
• at AC / rated value	80 A
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	
ambient temperature / during storage	Air humidity 90% at 20 °C	
environmental category	-20 to +50 at 95% relative humidity	
General Product Approval		Declaration of Conformity
		Test Certificates



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

Test Certificates	Marine / Shipping	other
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[Special Test Certificate](#)



[Miscellaneous](#)

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=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, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA6824

CAX-Online-Generator

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

Tender specifications

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



