



LV HRC fuse element, NH00, In: 100 A, gG, Un AC: 690 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	NH00
operating class of the fuse link	gG
type of voltage	AC/DC
supply voltage	
• at AC / rated value	690 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]	9.28 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	9.28 W
Current	
operational current	
• at 30 °C / rated value	98 A
• at 40 °C / rated value	95 A
• at 45 °C / rated value	92 A
• at 50 °C / rated value	90 A
• at 55 °C / rated value	88 A
• at 60 °C / rated value	86 A
• at AC / rated value	100 A
Mechanical Design	
width / of the enclosure	30 mm
mounting position	Any, preferably vertical
net weight	199 g

Environmental conditions

ambient temperature / during operation	-5 °C 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

[Special Test Certificate](#)

[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

Marine / Shipping

other



GL

[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=3NA7830-6>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA7830-6>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA7830-6

CAX-Online-Generator

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

Tender specifications

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



