



LV HRC fuse element, NH00, In: 100 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 according to EN 60269-1	NH00
operating class of the fuse link	gG
mounting type	insulated grip lugs
type of voltage of the operating voltage	AC/DC
supply voltage	
• at AC rated value	500 V
• at DC	250 V

Protection class

protection class IP	IP20, with connected conductors
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Switching capacity

switching capacity current	
• at DC according to IEC 60947-2 rated value	25 kA
• according to IEC 60947-2 rated value	120 kA

Dissipation

power loss [W]	6.95 W
power loss [W] for rated value of the current at AC in hot operating state per pole	6.95 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	202 g

Environmental conditions

ambient temperature during operation	
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- minimum
- maximum

environmental category
environmental category during storage

-5 °C
40 °C
-20 to +50 at 95% relative humidity
90% at 20°C

General Product Approval	Declaration of Conformity	Test Certificates
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[Confirmation](#)



[Special Test Certificate](#)

Test Certificates	Marine / Shipping	other
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[Miscellaneous](#)



[Environmental Confirmations](#)

[Miscellaneous](#)

[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=3NA6830-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA6830-7>

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

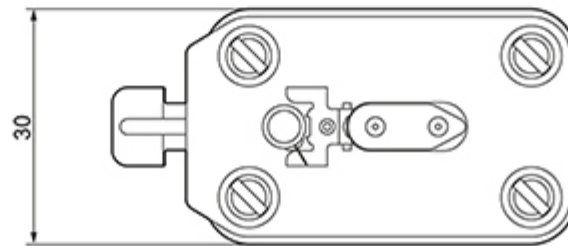
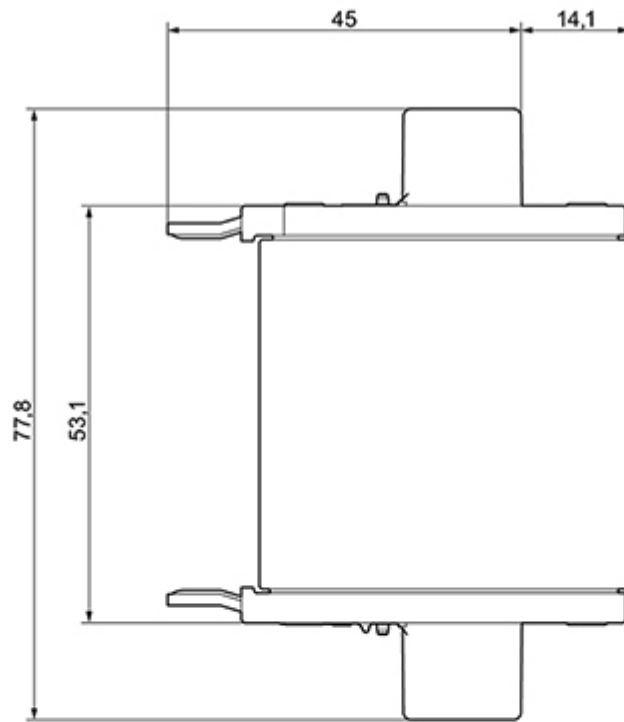
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA6830-7

CAX-Online-Generator

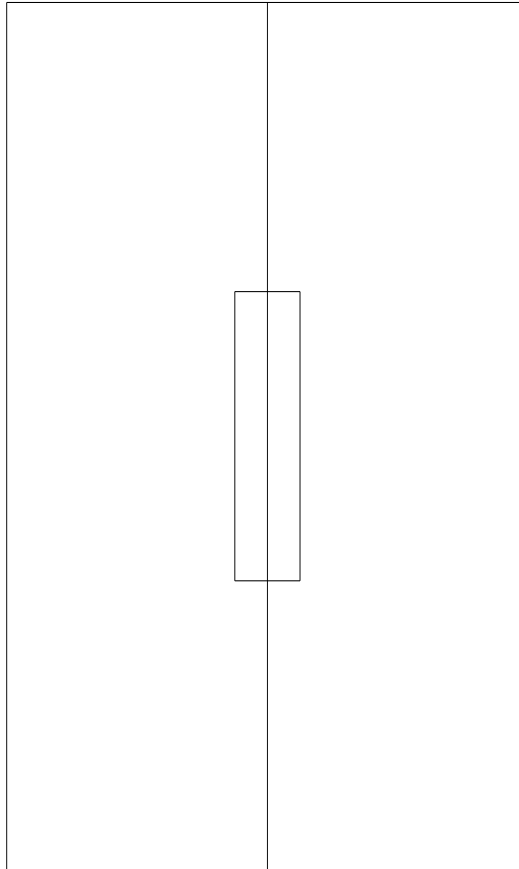
<http://www.siemens.com/cax>

Tender specifications

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



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