

LV HRC fuse element, NH1, In: 50 A, gG, Un AC: 500 V, Un DC: 440 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	NH1
Operating class of the fuse link	gG
circuit-breaker / Design	3NA6
Type of voltage	AC/DC
Current / at AC / rated value	50 A
Supply voltage	
• at AC / rated value	500 V
• at DC	440 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]	4.62 W
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	4.62 W

Current

Tripping residual / rated value / derated current / at 40 Cel	47.5 A
Diken-export / Let-through energy	DE_3NA_1_500_gG_50

Mechanical Design

Width	
• of the enclosure	30 mm
Mounting position	Any, preferably vertical
Net weight	294 g

Environmental conditions

Ambient temperature	-5 ... +40 °C
• 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



CSA



KEMA



VDE



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

Test Certificates

[Miscellaneous](#)

Shipping Approval



GL

other

[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=3NA6120>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NA6120>

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

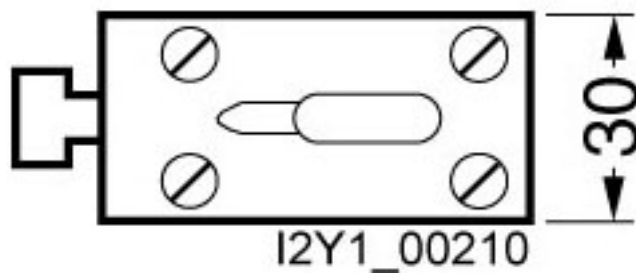
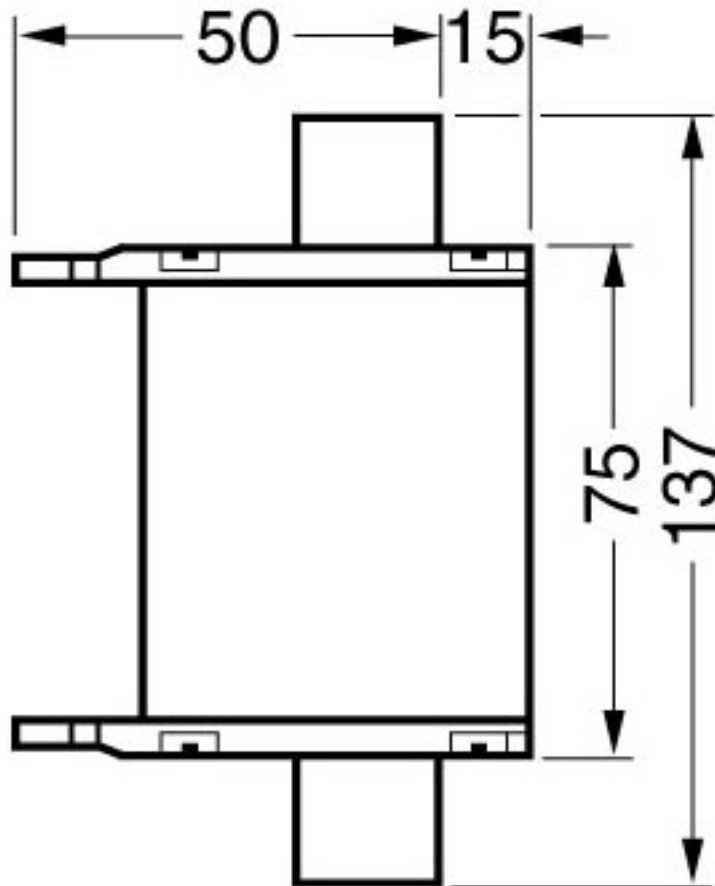
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NA6120

CAX-Online-Generator

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

Tender specifications

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



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