## **SIEMENS**

Data sheet 3NA3110



LV HRC fuse element, NH1, In: 25 A, gG, Un AC: 500 V, Un DC: 440 V, Front indicator, live grip lugs

product brand name product designation LV HRC fuse link  design of the product design of an identification indicator design of the switching contact Assign of				
product design after product design of the product design of an identification indicator front indicators design of the switching contact design of the fuse link LV HRC fuse link LV HRC fuse link General technical data size of fuse system according to EN 60269-1 operating class of the fuse link gG mounting type non-insulated grip lugs type of voltage of the operating voltage at AC rated value at AC rated value at DC  Protection class protection class IP Switching capacity switching capacity switching capacity current at C according to IEC 60947-2 rated value 25 kA according to IEC 60947-2 rated value 120 kB Dissipation power loss [W] c 2.8 W power loss [W] c 2.8 W power loss [W] for rated value of the current at AC in hot operating state per pole Mechanical Dosign width of the enclosure mounting position net weight environmental conditions ambient emperature during operation eminimum imaximum imaxim	Model			
design of the product design of an identification indicator design of the switching contact Acesign of the fuse link Ceneral technical data size of flue system according to EN 60269-1 Operating class of the fuse link  gG mounting type non-insulated grip lugs type of voltage of the operating voltage at AC/DC supply voltage at AC rated value at DC Trotection class IP Switching capacity switching capacity switching capacity switching capacity switching capacity switching capacity power loss [W] for rated value of the current at AC in hot operating state per pole Mechanical Design width of the enclosure mounting position power loss [W] for rated value of the current at AC in hot operating state per pole Mechanical Design witching capacity ambient emperature during operation minimum ambient emperature during storage for inference code according to IEC 81346-2 FC	product brand name	SENTRON		
design of an identification indicator  design of the switching contact  Ann-corroding, silver-plated  LV HRC fuse link  Concrat technical data  size of fuse system according to EN 60269-1  size of fuse system according to EN 60269-1  NH1  operating class of the fuse link  gG  mounting type  type of voltage of the operating voltage  at AC rated value  at DC  At DC  Protection class  protection class IP  Switching capacity current  at DC according to IEC 60947-2 rated value  according to IEC 60947-2 rated value  according to IEC 60947-2 rated value  25 kA  according to IEC 60947-2 rated value  be according to IEC 60947-2 rated value  2.8 W  power loss [W]  power loss [W]  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  eminimum  eminimum  eminimum  ambient temperature during operation  eminimum  emi	product designation	LV HRC fuse link		
design of the switching contact design of the fuse link  Ceneral technical data  size of fuse system according to EN 60269-1 operating class of the fuse link  gG mounting type non-insulated grip lugs type of voltage of the operating voltage supply voltage • at AC rated value • at DC • at DC  Switching capacity  switching capacity current • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value    Dissipation	design of the product	With blade contacts		
design of the fuse link  General technical data  size of fuse system according to EN 60269-1 Operating class of the fuse link  gG mounting type non-insulated grip lugs (type of voltage of the operating voltage at AC rated value at AC rated value at AC rated value at AC rated value  100 v	design of an identification indicator	Front indicators		
size of fuse system according to EN 60269-1 NH1 operating class of the fuse link gG mounting type type of voltage of the operating voltage • at AC rated value • at DC  Protection class protection class IP Switching capacity switching capacity switching capacity or according to IEC 60947-2 rated value • at DC according to IEC 60947-2 rated value • at DC according to IEC 60947-2 rated value • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value • according to IEC 60947-2 rated value  Dissipation  power loss [W] power loss [W] power loss [W] power loss [W] 7 (according to IEC 60947-2 rated value)  Wechanical Design width of the enclosure mounting position net weight  Base g  Environmental conditions  ambient temperature during operation • minimum • 5° C • maximum • minimum • 5° C • maximum • minimum • 5° C • maximum • minimum • 20 to +50 at 95% relative humidity environmental category environmental category during storage  Cortificatos reference code according to IEC 81346-2  FC	design of the switching contact	Non-corroding, silver-plated		
size of fuse system according to EN 60269-1 NH1 operating class of the fuse link gG mounting type non-insulated grip lugs type of voltage of the operating voltage  **exply voltage of the operating voltage  **protection class IP  **Protection class IP  **Protection class IP  **Switching capacity  **switching capacity current  **explicit of the operating voltage of the Construction of the Operating of the Construction of the Operating of the Operating of the Operating voltage of the operation operation  **explicit of the operation ope	design of the fuse link	LV HRC fuse link		
operating class of the fuse link mounting type type of voltage of the operating voltage supply voltage • at AC rated value • at DC  **Protection class IP  **Switching capacity**  **switching capacity current • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value  **power loss [W]  **power	General technical data			
mounting type type of voltage of the operating voltage  4 at AC rated value  4 at DC  Protection class  protection class IP  Switching capacity  switching capacity  switching capacity current  4 at DC 60947-2 rated value  25 kA  according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power loss [W]  power loss [W]  switch of the enclosure  mounting position  Any, preferably vertical  net weight  Environmental conditions  ambient temperature during operation  minimum  minimum	size of fuse system according to EN 60269-1	NH1		
type of voltage of the operating voltage  at AC rated value  at C rated value  at DC  440 V  Protection class  protection class IP  Switching capacity  switching capacity current  at DC according to IEC 60947-2 rated value  according to IEC 60947-2 rated value  25 kA  according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W] 2.8 W  power loss [W] 70 rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  Environmental conditions  ambient temperature during operation  minimum  minimum	operating class of the fuse link	gG		
supply voltage  • at AC rated value  • at DC  Protection class  protection class IP  Switching capacity  switching capacity  switching capacity current  • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value  • according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power loss [W]  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  • minimum  • minimum  • 5°C  • maximum  environmental category  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	mounting type	non-insulated grip lugs		
at AC rated value at DC  Protection class  protection class IP  Switching capacity  switching capacity current  at DC according to IEC 60947-2 rated value  according to IEC 60947-2 rated value  tab Name  power loss [W]  power loss [W]  power loss [W]  power loss [W]  width of the enclosure  mounting position  Any, preferably vertical  net weight  Environmental conditions  ambient temperature during operation  minimum  min	type of voltage of the operating voltage	AC/DC		
at DC  Protection class  protection class IP  IP20, with connected conductors  Switching capacity  switching capacity current  • at DC according to IEC 60947-2 rated value  • according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power loss [W]  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enciosure  mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  • minimum  • maximum  • maximum  environmental category  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	supply voltage			
protection class IP IP20, with connected conductors  Switching capacity  switching capacity current  • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W] 2.8 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 30 mm  mounting position Any, preferably vertical  net weight 288 g  Environmental conditions  ambient temperature during operation • minimum -5 °C • maximum 40 °C environmental category -20 to +50 at 95% relative humidity environmental category during storage 90% at 20 °C  Certificates  reference code according to IEC 81346-2 FC	at AC rated value	500 V		
protection class IP IP20, with connected conductors  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] 2.8 W  power loss [W] rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 30 mm  mounting position Any, preferably vertical net weight 288 g  Environmental conditions  ambient temperature during operation  • minimum -5 °C  • maximum 40 °C  environmental category -20 to +50 at 95% relative humidity environmental category during storage 90% at 20°C  Certificates  reference code according to IEC 81346-2 FC	• at DC	440 V		
switching capacity switching capacity current  • at DC according to IEC 60947-2 rated value • according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power	Protection class			
switching capacity current  • at DC according to IEC 60947-2 rated value  • according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power loss [W]  2.8 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  Environmental conditions  ambient temperature during operation  • minimum  • minimum  • minimum  • minimum  40 °C  environmental category  environmental category during storage  power loss [W]  2.8 W  power loss [W]  power loss [W]	protection class IP	IP20, with connected conductors		
at DC according to IEC 60947-2 rated value  according to IEC 60947-2 rated value  120 kA  Dissipation  power loss [W]  power loss [W] 2.8 W  power loss [W] 7.8 W  power loss [W] 9.8 W  power loss [	Switching capacity			
according to IEC 60947-2 rated value  Dissipation  power loss [W]  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  Environmental conditions  ambient temperature during operation  minimum	switching capacity current			
Dissipation  power loss [W] 2.8 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 30 mm  mounting position Any, preferably vertical  net weight 288 g  Environmental conditions  ambient temperature during operation  • minimum -5 °C  • maximum 40 °C  environmental category -20 to +50 at 95% relative humidity environmental category during storage 90% at 20 °C  Certificates  reference code according to IEC 81346-2 FC	<ul> <li>at DC according to IEC 60947-2 rated value</li> </ul>	25 kA		
power loss [W]  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  Environmental conditions  ambient temperature during operation  • minimum  • maximum  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	<ul> <li>according to IEC 60947-2 rated value</li> </ul>	120 kA		
power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  • minimum  • maximum  • maximum  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	Dissipation			
operating state per pole  Mechanical Design  width of the enclosure  mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  • minimum  • minimum  • maximum  40 °C  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	power loss [W]	2.8 W		
width of the enclosure  mounting position Any, preferably vertical  288 g  Environmental conditions  ambient temperature during operation  minimum  maximum  mounting position  ambient temperature during operation  minimum  -5 °C  maximum  40 °C  environmental category  reference code according to IEC 81346-2  FC		2.8 W		
mounting position  net weight  288 g  Environmental conditions  ambient temperature during operation  • minimum  • maximum  40 °C  environmental category  environmental category during storage  70% at 20°C  Certificates  reference code according to IEC 81346-2  FC	Mechanical Design			
net weight  Environmental conditions  ambient temperature during operation  • minimum  • maximum  • maximum  40 °C  environmental category  environmental category during storage  90% at 20°C  Certificates  reference code according to IEC 81346-2  FC	width of the enclosure	30 mm		
Environmental conditions  ambient temperature during operation  • minimum  • maximum  • maximum  40 °C  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC	mounting position	Any, preferably vertical		
ambient temperature during operation	net weight	288 g		
<ul> <li>minimum</li> <li>-5 °C</li> <li>maximum</li> <li>environmental category</li> <li>-20 to +50 at 95% relative humidity</li> <li>environmental category during storage</li> <li>90% at 20°C</li> <li>Certificates</li> <li>reference code according to IEC 81346-2</li> <li>FC</li> </ul>	Environmental conditions			
● maximum  environmental category  environmental category during storage  20 to +50 at 95% relative humidity  environmental category during storage  90% at 20°C  Certificates  reference code according to IEC 81346-2  FC	ambient temperature during operation			
environmental category -20 to +50 at 95% relative humidity environmental category during storage 90% at 20°C  Certificates reference code according to IEC 81346-2  FC	• minimum	-5 °C		
environmental category during storage 90% at 20°C  Certificates  reference code according to IEC 81346-2 FC	• maximum	40 °C		
Certificates reference code according to IEC 81346-2 FC	environmental category	-20 to +50 at 95% relative humidity		
reference code according to IEC 81346-2 FC	environmental category during storage	90% at 20°C		
3	Certificates			
General Product Approval Declaration of Conformity Test Certificates	reference code according to IEC 81346-2	FC		
	General Product Approval		Declaration of Conformity	Test Certificates

Confirmation









Special Test Certificate

**Test Certificates** 

Marine / Shipping

other

Type Test Certificates/Test Report

<u>Miscellaneous</u>



Miscellaneous

Confirmation

**Miscellaneous** 

## Environment

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=3NA3110

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

https://support.industry.siemens.com/cs/ww/en/ps/3NA3110

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

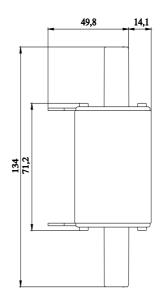
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3NA3110

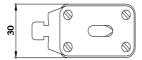
**CAx-Online-Generator** 

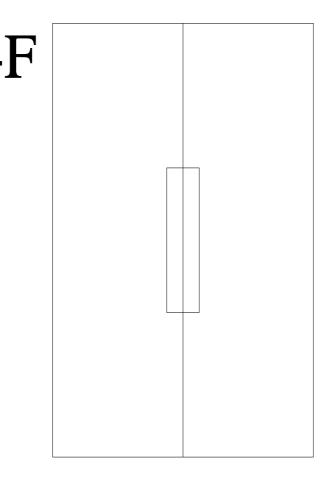
http://www.siemens.com/cax

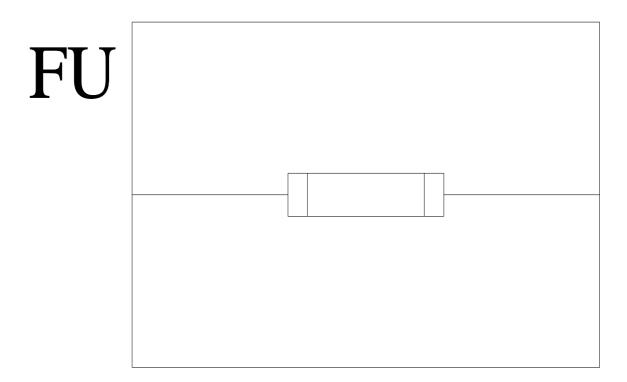
Tender specifications

http://www.siemens.com/specifications









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