## **SIEMENS**

Data sheet 3NA6250



LV HRC fuse element, NH2, In: 300 A, gG, Un AC: 500 V, Un DC: 440 V, Combined indicator, Insulated grip lugs

product brand name product designation LV HRC fuse link design of the product design of the product design of an identification indicator Combination alarms design of the switching contact Anon-corroding, silver-plated design of the switching contact Anon-corroding, silver-plated design of the fuse link LV HRC fuse link Ceneral technical data size of fuse system according to EN 60269-1 NH2 operating class of the fuse link gG mounting type uper of voltage of the operating voltage at AC rated value at AC rated value at AC rated value at AC act of C at AC value at C at C according to IEC 60947-2 rated value bissipation 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 arbitrary environmental conditions ambient temperature during operation environmental category environmental category environmental category environmental category during storage greference code according to IEC 61948-2 General Product Approval  Test Certificates reference code according to IEC 61948-2 General Product Approval  Test Certificates	UP				
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 LV HRC 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 insulated grip lugs lype of voltage of the operating voltage at AC rated value at AC rated value at DC Troction class protection class IP Switching capacity switching capacity current at Cacording to IEC 60947-2 rated value at Cacording to IEC 60947-2 rated value baccording to IEC 60947-2 rated value cacording to IEC 60947-2 rated value flower loss [W] Dower	Model				
design of the product design of an identification indicator design of the switching contact  Assigned the fuse link  Ceneral technical data  Size of fixes system according to EN 60269-1 Operating class of the fuse link  General technical data  Size of fixes system according to EN 60269-1 Operating class of the fuse link  General technical data  Size of fixes system according to EN 60269-1 Operating class of the fuse link  General technical data  Size of fixes system according to EN 60269-1 Operating class of the fuse link  General technical data  Size of fixes system according to EN 60269-1 Operating class of the fuse link  General technical data  Size of fixes system according to IEC 60269-1  NH2 Operating class of the fuse link  General technical data  Size of fixes system according to IEC 60269-1  NH2 Operation class  From the fixes of the fuse link  General technical data  Size of fixes system according to IEC 60269-1  Switching capacity Switchi	product brand name	SEN <sup>-</sup>	TRON		
design of an identification indicator  design of the switching contact  Anon-corroding, silver-plated  design of the switching contact  Ceneral technical data  size of fuse system according to EN 60269-1  NH2  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 current  at DC according to IEC 60947-2 rated value  at DC according to IEC 60947-2 rated value  power loss [W]  power loss [W]  power loss [W]  power loss [W]  for rated value of the current at AC in hot operating site per pole  Mechanical Dosign  width of the enclosure  mounting position  net weight  658 g  Environmental conditions  ambient temperature during operation  environmental category  environmental category during storage  gets  reference code according to IEC 81346-2  FC	product designation	LV H	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 type of voltage of the operating voltage  • at AC 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  • according to IEC 60947-2 rated value    according to IEC 60947-2 rated value   according to IEC 6	design of the product	With	With blade contacts		
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  insulated grip lugs  type of voltage of the operating voltage  et AC rated value  et AC rated value  et AC rated value  et AC rated value  et DC  Protection class  protection class IP  Switching capacity  switching capacity current  et DC according to IEC 60947-2 rated value  eacording to IEC 60947-2 rated value  experious for the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure  mounting position  Any, preferably vertical  net weight  658 g  Environmental conditions  ambient temperature during operation  eminimum	design of an identification indicator	Com	Combination alarms		
General technical data size of fuse system according to EN 60269-1 size of fuse system according to EN 60269-1 poperating class of the fuse link g mounting type type of voltage of the operating voltage supply voltage • at AC rated value • at DC 440 V  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 120 kA  Dissipation  power loss [W] power loss [W] 19.4 W operating state per pole  Mochanical Design width of the enclosure mounting position net weight 658 g  Environmental conditions ambient temperature during operation • minimum • min	design of the switching contact	Non-corroding, silver-plated			
size of fuse system according to EN 60269-1 operating class of the fuse link gG mounting type insulated grip lugs type of voltage of the operating voltage  • at AC rated value • at DC  **Total Class**  **Total Class**  **Total Class IP  **Total C	design of the fuse link	LV HRC fuse link			
operating class of the fuse link ge insulated grip lugs type of voltage of the operating voltage AC/DC 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 according to IEC 60947-2 rated value 25 kA • according to IEC 60947-2 rated value 120 kA Dissipation  power loss [W] 19.4 W power loss [W] for rated value of the current at AC in hot operating state per pole Mechanical Design width of the enclosure 57.8 mm mounting position Any, preferably vertical net weight 658 g  Environmental conditions ambient temperature during operation • minimum -5°C • maximum 40°C environmental category during storage 90% at 20°C  Certificates reference code according to IEC 81346-2 FC	General technical data				
mounting type type of voltage of the operating voltage  type of voltage of the operating voltage  at AC rated value at DC  440 V  Protection class  protection class IP  Switching capacity  switching capacity  switching capacity ournet at DC according to IEC 60947-2 rated value according to IEC 60947-2 rated value 120 kA  Dissipation  power loss [W] 19.4 W  power loss [W] 678 at be probe  Mechanical Design  width of the enclosure mounting position Any, preferably vertical net weight  Environmental conditions  ambient temperature during operation  minimum  min	size of fuse system according to EN 60269-1	NH2	NH2		
type of voltage of the operating voltage  supply voltage  at AC rated value  at DC  440 V  Protection class  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]  power loss [W] 19.4 W  power loss [W] 19.4 W  power loss [W] 19.4 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  mounting minimum  mounting conditions  ambient temperature during operation  minimum  minimum  mounting conditions  ambient temperature during operation  minimum  mounting conditions  ambient temperature during operation  minimum  power loss (C)  maximum  mounting conditions  ambient temperature during operation  minimum  power loss (C)  maximum  power los	operating class of the fuse link	gG	gG		
supply voltage  • at AC rated value  • at DC  440 V  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  120 kA  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 658 g  Environmental conditions  ambient temperature during operation • minimum • miximum • and or C environmental category environmental category during storage  PC Certificates  reference code according to IEC 81346-2  FC	mounting type	insula	insulated grip lugs		
at AC rated value at DC  440 V  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 25 kA according to IEC 60947-2 rated value 120 kA  Dissipation  power loss [W] power lo	type of voltage of the operating voltage	AC/D	AC/DC		
at DC  Protection class  protection class IP  Switching capacity  switching capacity  switching capacity current      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      busispation  power loss [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  Any, preferably vertical  net weight  658 g  Environmental conditions  ambient temperature during operation  minimum  minimum  -5°C  environmental category  environmental category  environmental category  environmental category during storage  90% at 20°C  Certificates  reference code according to IEC 81346-2  FC	supply voltage				
Protection class  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] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical net weight 658 g  Environmental conditions  ambient temperature during operation  • minimum 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 AC rated value</li> </ul>	500 \	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] 19.4 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical  net weight 658 g  Environmental conditions  ambient temperature during operation • minimum 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 \	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] powe	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] 19.4 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  -5 °C  • maximum  40 °C  environmental category  environmental category during storage  7 Certificates  reference code according to IEC 81346-2  FC	protection class IP	IP20, with connected conductors			
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 658 g  Environmental conditions  ambient temperature during operation  minimum minimu	Switching capacity				
according to IEC 60947-2 rated value  Dissipation  power loss [W] 19.4 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical  net weight 658 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	switching capacity current				
Dissipation  power loss [W] 19.4 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical  net weight 658 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	25 kA		
power loss [W] 19.4 W  power loss [W] for rated value of the current at AC in hot operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical  net weight 658 g  Environmental conditions  ambient temperature during operation  • minimum -5 °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>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 57.8 mm  mounting position Any, preferably vertical net weight 658 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	Dissipation				
operating state per pole  Mechanical Design  width of the enclosure 57.8 mm  mounting position Any, preferably vertical net weight 658 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	power loss [W]	19.4 W			
width of the enclosure  mounting position  Any, preferably vertical  net weight  658 g  Environmental conditions  ambient temperature during operation  • minimum  • maximum  40 °C  environmental category  environmental category during storage  Certificates  reference code according to IEC 81346-2  FC		19.4 W			
mounting position  net weight  658 g  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	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	57.8	57.8 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,	Any, preferably vertical		
ambient temperature during operation	net weight	658 g			
<ul> <li>minimum         <ul> <li>for the properties of the properti</li></ul></li></ul>	Environmental conditions				
● maximum  environmental category  environmental category during storage  90% at 20°C  Certificates  reference code according to IEC 81346-2  FC	ambient temperature during operation				
environmental category environmental category during storage 90% at 20°C  Certificates reference code according to IEC 81346-2  FC	• minimum	-5 °C	-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	-20 to +50 at 95% relative humidity		
reference code according to IEC 81346-2 FC	environmental category during storage	90%	90% at 20°C		
3.0	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

EAC

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Special Test Certificate

Test Certificates Marine / Shipping other

Miscellaneous



Miscellaneous Conf

<u>Confirmation</u> <u>Miscellaneous</u>

Environmental Confirmations

**Environment** 

## 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=3NA6250

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

https://support.industry.siemens.com/cs/ww/en/ps/3NA6250

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

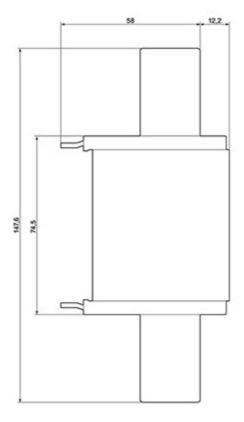
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3NA6250

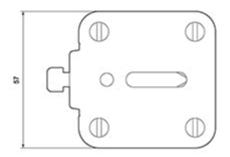
**CAx-Online-Generator** 

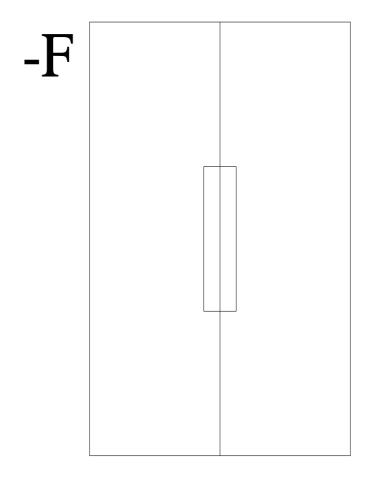
http://www.siemens.com/cax

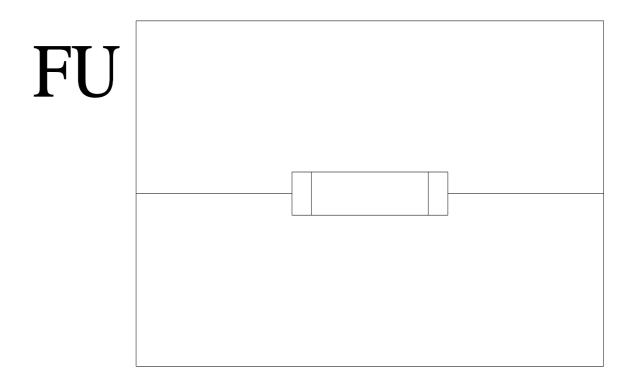
**Tender specifications** 

http://www.siemens.com/specifications









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