



SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH3, 630 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal, Fuse monitoring: electronic, Auxiliary switch at Switch disconnecter: 1 NO+1 NC, Auxiliary switch at the Fuse monitoring: 2 NO+1 NC

Model	
product brand name	SENTRON
product designation	3NP5 fuse switch disconnecter
design of the product	auxiliary switch at the switch disconnecter: 1 NO + 1 NC, auxiliary switch at the fuse monitoring device: 2NO+1NC
design of the safety monitoring	Electronic
design of the actuating element	Cover handle
design of the load switch strip form	No
General technical data	
number of poles	3
size of disconnecting link	NH2, NH3
size of fuse link	NH2, NH3
mounting type	Fixed mounting
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	690 V
surge voltage resistance rated value	6 kV
operating voltage	
• at AC rated value maximum	690 V
• at DC rated value	440 V
Protection class	
protection class IP on the front	IP00
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	13 W
Main circuit	
operational current rated value	630 A
Suitability	
suitability for use	
• main switch	No
• switch disconnecter	Yes
• EMERGENCY OFF switch	No
• safety switch	Yes
Product function	
product function fuse monitoring	Yes
Short circuit	
maximum short-circuit current breaking capacity (I <sub>cu</sub> ) at 400 V rated value	5.04 kA
Connections	
type of electrical connection	1x6 - 240 mm <sup>2</sup> to 2x6 - 240 mm <sup>2</sup>
• for main current circuit	screw-type terminals

Mechanical Design	
height	300 mm
width	276 mm
depth	207 mm
number of modular width units	1
<b>fastening method</b>	Mounting plate
<b>fastening method</b>	
• floor mounting	Yes
• rail mounting	No
net weight	8 313 g

Environmental conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-50 °C
• maximum	80 °C

Approvals Certificates	
General Product Approval	other



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[Miscellaneous](#)



[Confirmation](#)

other	Environment
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[Miscellaneous](#)

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)

#### Further information

##### 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=3NP5460-0HA13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5460-0HA13>

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

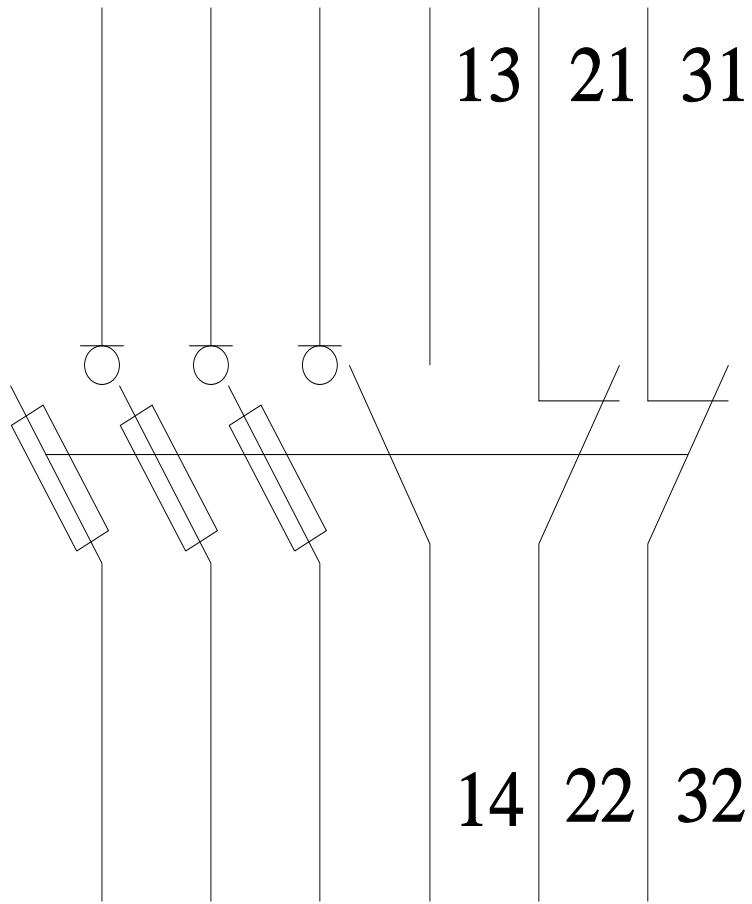
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NP5460-0HA13](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5460-0HA13)

##### CAX-Online-Generator

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

##### Tender specifications

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



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