



SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal, Fuse monitoring: through 3RV, Auxiliary switch at Switch disconnecter: 1 NO+1 NC, Auxiliary switch at the Fuse monitoring: 1 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: 1 NO + 1 NC
design of the safety monitoring	by 3RV
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	NH000, NH00
size of fuse link	NH000, NH00
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	2.66 W
Main circuit	
operational current rated value	160 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 _{cu}) at 400 V rated value	1.6 kA
Connections	
type of electrical connection	2.5 - 150 mm ² DIN 46 234 a. up to 95 mm ² DIN 46 235
• for main current circuit	screw-type terminals

Mechanical Design	
height	196 mm
width	134 mm
depth	161.5 mm
number of modular width units	1
fastening method	Mounting plate
fastening method	
• floor mounting	Yes
• rail mounting	No
net weight	2 435 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



[Confirmation](#)

[Miscellaneous](#)



other	Environment
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[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=3NP5060-0EA86>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0EA86>

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

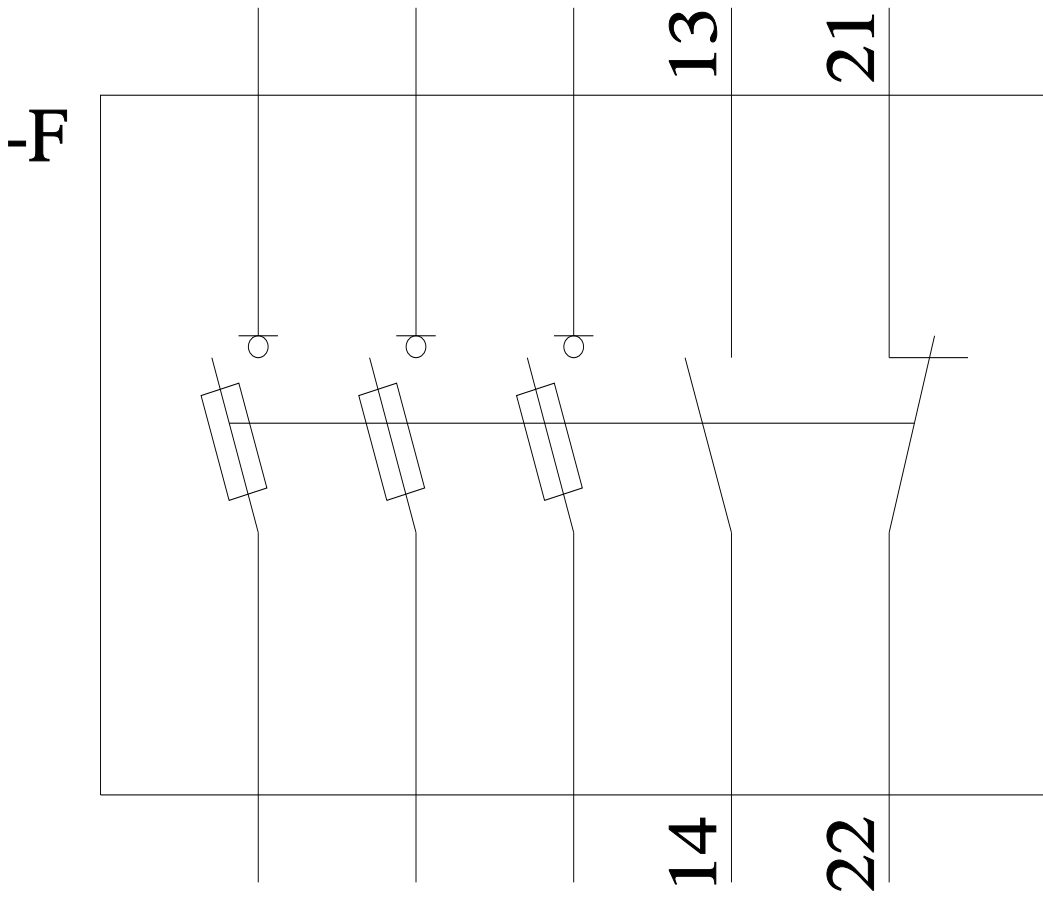
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5060-0EA86

CAX-Online-Generator

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

Tender specifications

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



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