



SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH00, 160 A, for assembly and installation on mounting plate, with High-speed closing, Clamp terminal

Model	
product brand name	SENTRON
product designation	3NP5 fuse switch disconnecter
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	No
Short circuit	
maximum short-circuit current breaking capacity (I <sub>cu</sub> ) at 400 V rated value	1.6 kA
Connections	
type of electrical connection	1 conductor 2.5 - 50 mm <sup>2</sup> , 2 conductors 1x2.5 - 50 mm <sup>2</sup> a. 1x2.5 - 35 mm <sup>2</sup>
• for main current circuit	terminal clamp
Mechanical Design	
height	196 mm

width	134 mm
depth	97.5 mm
number of modular width units	1
fastening method	Mounting plate
fastening method	
• floor mounting	Yes
• rail mounting	No
net weight	1 733 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	Declaration of Conformity
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[Confirmation](#)



[Miscellaneous](#)



other	Environment
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[Miscellaneous](#)

[Confirmation](#)

[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=3NP5060-0CB00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5060-0CB00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NP5060-0CB00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5060-0CB00)

CAx-Online-Generator

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

Tender specifications

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





