



SETRON, Fuse switch disconnecter 3NP5, 3-pole, NH00, 160 A, with Adapter for Busbar system 8US 40 mm, with high-speed closing, Clamp terminal, Fuse monitoring: through 3VU, Auxiliary switch at Switch disconnecter: 1 NO+1 NC, Auxiliary switch at the Fuse monitoring: 1 NO+1 NC

Model	
product brand name	SETRON
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 3VU
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	Plug-in
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 (Icu) at 400 V rated value	1.6 kA
Connections	
type of electrical connection	1 conductor 2.5 - 50 mm², 2 conductors 1x2.5 - 50 mm² a. 1x2.5 - 35 mm²
• for main current circuit	terminal clamp

Mechanical Design	
height	196 mm
width	134 mm
depth	187.5 mm
number of modular width units	1
fastening method	Busbar
fastening method	
• floor mounting	No
• rail mounting	Yes
busbar center-to-center spacing	40 mm
net weight	2 876 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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[Miscellaneous](#)

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[Environmental Con-
firmations](#)

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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=3NP5065-1EG86>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5065-1EG86>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5065-1EG86

CAX-Online-Generator

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

Tender specifications

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



