

SETRON, Fuse switch disconnecter 3NP5, 3-pole, NH1, 250 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal



Figure similar

Model	
Product brand name	SETRON
Product designation	3NP5 fuse switch disconnecter
Design type	For assembly and installation, with high-speed closing
Design of the operating mechanism	Cover handle
Design of the load switch / Strip form	No
General technical data	
Number of poles	3
Size of disconnecting link	NH0, NH1
Size of fuse link	NH0, NH1
Continuous current / at 35 °C / rated value	250 A
power factor cos phi / in utilization category	
• AC-21 B / at 400 V	0.95
• AC-21 B / at 500 V	0.95
• AC-22 B / at 400 V	0.65
• AC-22 B / at 500 V	0.65
circuit-breaker / Design	3NP526

Mounting type	Fixed mounting
Fuse system	LV HRC fuse
<b>Voltage</b>	
Type of voltage	AC/DC
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 kV
<b>Protection class</b>	
Protection class IP / on the front	IP00
<b>Dissipation</b>	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	2.66 W
<b>Electricity</b>	
Current / rated value	250 A
Continuous current	
• rated value	250 A
• at 40 °C / rated value	250 A
• at 45 °C / rated value	250 A
• at 50 °C / rated value	250 A
• at 55 °C / rated value	250 A
• at 60 °C / rated value	238 A
• at 65 °C / rated value	223 A
• at 70 °C / rated value	210 A
Let-through current / I <sub>2 t</sub> / maximum permissible / in utilization category	
• AC-21 B / at 400 V	800 000 A <sup>2</sup> ·s
• AC-21 B / at 500 V	800 000 A <sup>2</sup> ·s
• AC-22 B / at 400 V	800 000 A <sup>2</sup> ·s
• AC-22 B / at 500 V	800 000 A <sup>2</sup> ·s
Let-through current / I <sub>c</sub> / maximum permissible / in utilization category	
• AC-21 B / at 400 V	25 kA
• AC-21 B / at 500 V	25 kA
• AC-22 B / at 400 V	25 kA
• AC-22 B / at 500 V	25 kA
<b>Main circuit</b>	
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at AC / rated value / maximum	690 V
• at DC / rated value	440 V
Rated current I <sub>e</sub> / maximum / in utilization category	
• AC-21 B / at 400 V	250 A

- AC-21 B / at 500 V 250 A
- AC-22 B / at 400 V 250 A
- AC-22 B / at 500 V 250 A

### Suitability

Suitability for use	system protection
• Main switch	No
• switch disconnecter	Yes
• EMERGENCY OFF switch	No
• safety switch	Yes

### Product function

Product function / fuse monitoring	No
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### Short circuit

Maximum short-circuit current breaking capacity (Icu) / at 400 V / rated value	2.5 kA
Conditional rated short-circuit current / in utilization category	
• AC-21 B / at 400 V	50 kA
• AC-21 B / at 500 V	50 kA
• AC-22 B / at 400 V	50 kA
• AC-22 B / at 500 V	50 kA

### Connections

Type of electrical connection	6 - 150 mm <sup>2</sup>
• for main current circuit	screw-type terminals

### Mechanical Design

Height	300 mm
Width	207 mm
Depth	176 mm
Number of width units	1
Mounting type	Mounting plate
Mounting type	
• floor mounting	Yes
• front mounting	No
• rail mounting	No
Net weight	5 360 g

### Environmental conditions

Degree of pollution	3
Installation altitude / at height above sea level / maximum	2 000 m
Ambient temperature	
• during operation / minimum	-25 °C

- during operation / maximum
- during storage / minimum
- during storage / maximum

55 °C  
-50 °C  
80 °C

## Certificates

### Reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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General Product Approval	Declaration of Conformity	Test Certificates	other
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CCC

[Miscellaneous](#)



EG-Konf.

[Special Test Certificate](#)

[Confirmation](#)

[Miscellaneous](#)

## Further information

### 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=3NP5260-0CA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5260-0CA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NP5260-0CA00](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5260-0CA00)

### CAX-Online-Generator

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

### Tender specifications

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

