

SENTRON, Fuse switch disconnecter 3NP5, 3-pole, NH2, 400 A, for assembly and installation on mounting plate, with High-speed closing, screw terminal, Auxiliary switch on switch disconnecter: 1 NO+1 NC



Figure similar

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
Design type	For assembly and installation with auxiliary switch 1 NO+1 NC, 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	NH1, NH2
Size of fuse link	NH1, NH2
Continuous current / at 35 °C / rated value	400 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

<ul style="list-style-type: none"> • AC-22 B / at 500 V 	0.65
circuit-breaker / Design	3NP536
Mounting type	Fixed mounting
Fuse system	LV HRC fuse

Voltage

Type of voltage	AC/DC
Insulation voltage / rated value	690 V
Surge voltage resistance / rated value	6 kV

Protection class

Protection class IP / on the front	IP00
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Dissipation

Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	5 W
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Electricity

Current / rated value	400 A
Continuous current	
<ul style="list-style-type: none"> • rated value • at 40 °C / rated value • at 45 °C / rated value • at 50 °C / rated value • at 55 °C / rated value • at 60 °C / rated value • at 65 °C / rated value • at 70 °C / rated value 	<ul style="list-style-type: none"> 400 A 400 A 400 A 400 A 380 A 360 A 340 A 320 A
Let-through current / I _{2t} / maximum permissible / in utilization category	
<ul style="list-style-type: none"> • AC-21 B / at 400 V • AC-21 B / at 500 V • AC-22 B / at 400 V • AC-22 B / at 500 V 	<ul style="list-style-type: none"> 2 200 000 A²·s 2 200 000 A²·s 2 200 000 A²·s 2 200 000 A²·s
Let-through current / I _c / maximum permissible / in utilization category	
<ul style="list-style-type: none"> • AC-21 B / at 400 V • AC-21 B / at 500 V • AC-22 B / at 400 V • AC-22 B / at 500 V 	<ul style="list-style-type: none"> 40 kA 40 kA 40 kA 40 kA

Main circuit

Operating voltage	
<ul style="list-style-type: none"> • at AC / at 50/60 Hz / rated value • at AC / rated value / maximum • at DC / rated value 	<ul style="list-style-type: none"> 690 V 690 V 440 V

Rated current I _e / maximum / in utilization category	
• AC-21 B / at 400 V	400 A
• AC-21 B / at 500 V	400 A
• AC-22 B / at 400 V	400 A
• AC-22 B / at 500 V	400 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

Short circuit	
Maximum short-circuit current breaking capacity (I _{cu}) / at 400 V / rated value	4 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 - 240 mm ²
• for main current circuit	screw-type terminals

Mechanical Design	
Height	300 mm
Width	231 mm
Depth	192 mm
Number of width units	1
Mounting type	Mounting plate
Mounting type	
• floor mounting	Yes
• front mounting	No
• rail mounting	No
Net weight	6 475 g

Environmental conditions	
Degree of pollution	3
Installation altitude / at height above sea level / maximum	2 000 m

Ambient temperature	
<ul style="list-style-type: none"> during operation / minimum during operation / maximum during storage / minimum during storage / maximum 	<p>-25 °C</p> <p>55 °C</p> <p>-50 °C</p> <p>80 °C</p>

Certificates

Reference code	
<ul style="list-style-type: none"> acc. to DIN EN 61346-2 acc. to DIN EN 81346-2 	<p>Q</p> <p>Q</p>

General Product Approval	Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)



[Special Test Certificate](#)

[Miscellaneous](#)

[Confirmation](#)

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=3NP5360-0CA10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NP5360-0CA10>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP5360-0CA10

CAX-Online-Generator

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

Tender specifications

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

