

Switch disconnecter with fuses In-line design, pluggable NH3 630 A, 4-pole Standard switching capacity S manual operation without auxiliary switch without current transformer without ammeter

Model	
Product brand name	SENTRON
version	With double disconnection
Design type	plug-in to busbars with 185mm center-line spacing
Type of ammeter	without
Type of switching contact / double breaking switching contact	Yes
Design of the load switch / Strip form	Yes
Type of the driving mechanism	manual operating mechanism

General technical data	
Number of poles	4
Field of application	LINE PROTECTION
Size of disconnecting link	3
Size of fuse link	3
power factor cos phi / in utilization category	
• AC-21 B / at 400 V	0.95
• AC-22 B / at 400 V	0.65
• AC-22 B / at 500 V	0.65
circuit-breaker / Design	3NJ623
Reference code / acc. to DIN 40719 extended according to IEC 204-2 / acc. to IEC 750	Q
Fuse system	LV HRC fuse

Voltage	
Rated operational voltage Ue / max.	690 V
Rated insulation voltage Ui	1 000 V
Insulation voltage / rated value	1 000 V
Surge voltage resistance / rated value	8 000 V
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V

Protection class	
Protection class IP	IP41

Current	
rated current In	
• max.	630 A

<ul style="list-style-type: none"> <li>• at 35 Cel</li> <li>• at 40 Cel</li> <li>• at 45 Cel</li> <li>• at 50 Cel</li> </ul>	630 A
Continuous current / rated value	630 A
Let-through current / I <sub>2t</sub> / maximum permissible / in utilization category	
<ul style="list-style-type: none"> <li>• AC-21 B / at 400 V</li> <li>• AC-21 B / at 500 V</li> <li>• AC-22 B / at 400 V</li> <li>• AC-22 B / at 500 V</li> </ul>	5 400 000 A <sup>2</sup> ·s
	5 400 000 A <sup>2</sup> ·s
	5 400 000 A <sup>2</sup> ·s
	5 400 000 A <sup>2</sup> ·s
Let-through current / I <sub>c</sub> / maximum permissible / in utilization category	
<ul style="list-style-type: none"> <li>• AC-21 B / at 400 V</li> <li>• AC-21 B / at 500 V</li> <li>• AC-22 B / at 400 V</li> <li>• AC-22 B / at 500 V</li> </ul>	55 000 A
	55 000 A
	55 000 A
	55 000 A
Accuracy class / of the current transformer	without

#### Short circuit

Maximum short-circuit current breaking capacity (I <sub>cu</sub> ) / at 400 V / rated value	55 kA
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#### Connections

Type of connection, main circuit	Stud terminal, 2xM12
Type of electrical connection / for main current circuit	stud terminals

#### Mechanical Design

Height	249 mm
Width	590 mm
Depth	308 mm
Type of mounting	plug-in version
Mounting type	pluggable
Busbar center-to-center spacing	185 mm
Busbar center-to-center spacing	
<ul style="list-style-type: none"> <li>• 40 mm</li> <li>• 50 mm</li> <li>• 60 mm</li> <li>• 100 mm</li> <li>• 185 mm</li> </ul>	No
	No
	No
	No
	Yes

#### Environmental conditions

Installation altitude / at height above sea level / maximum	2 000 m
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +55 °C

## Certificates

Reference code

- acc. to DIN EN 61346-2

Q

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



EG-Konf.

[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?mfb=3NJ6234-1AA00-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6234-1AA00-0AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3NJ6234-1AA00-0AA0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3NJ6234-1AA00-0AA0)

**CAX-Online-Generator**

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

**Tender specifications**

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