

Switch disconnecter with fuses In-line design, pluggable NH3 630 A, 3-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	3
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

• at 35 Cel	630 A
• at 40 Cel	599 A
• at 45 Cel	567 A
• at 50 Cel	536 A
continuous current / rated value	630 A
Let-through current / I _{2 t} / maximum permissible / in utilization category	
• AC-21 B / at 400 V	5 400 000 A ² ·s
• AC-21 B / at 500 V	5 400 000 A ² ·s
• AC-22 B / at 400 V	5 400 000 A ² ·s
• AC-22 B / at 500 V	5 400 000 A ² ·s
Let-through current / I _c / maximum permissible / in utilization category	
• AC-21 B / at 400 V	55 000 A
• AC-21 B / at 500 V	55 000 A
• AC-22 B / at 400 V	55 000 A
• AC-22 B / at 500 V	55 000 A
accuracy class / of the current transformer	without

Short circuit

breaking capacity maximum short-circuit current (I _{cu}) / 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	198 mm
width	590 mm
depth	308 mm
Type of mounting	plug-in version
fastening method	pluggable
busbar center-to-center spacing	185 mm
busbar center-to-center spacing	
• 40 mm	No
• 50 mm	No
• 60 mm	No
• 100 mm	No
• 185 mm	Yes

Environmental conditions

installation altitude / at height above sea level / maximum	2 000 m
ambient temperature / during operation	

- minimum
- maximum

-25 °C

55 °C

Certificates

reference code

- acc. to DIN EN 61346-2

Q

General Product Approval

**Declaration of Con-
formity**

other



CCC

[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?mlfb=3NJ6233-1AA00-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6233-1AA00-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6233-1AA00-0AA0

CAX-Online-Generator

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

Tender specifications

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