

Switch disconnecter with fuses In-line design, pluggable NH3 630 A, 3-pole
Standard switching capacity S manual operation 1 NO+ 1 NC auxiliary
switch on Multifunctional connector 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 according to DIN 40719 extended according to IEC 204-2 according 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
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
Short circuit	
maximum short-circuit current breaking capacity (Icu) at 400 V rated value	55 kA
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
- 100 mm
- 185 mm

No
No
Yes

Environmental conditions

installation altitude at height above sea level maximum 2 000 m
 ambient temperature during operation
 • minimum -25 °C
 • maximum 55 °C

General Product Approval

Declaration of
Conformity

Test Certificates

Marine / Shipping

[Confirmation](#)



[Miscellaneous](#)



other

[Confirmation](#)

[Miscellaneous](#)

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=3NJ6233-1AA03-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6233-1AA03-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6233-1AA03-0AA0

CAX-Online-Generator

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

Tender specifications

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



