

Switch connector with fuses In-line design, pluggable NH1 250 A, 3-pole AC23A 500V , 120 (AC500V) kA manual operating Fuse monitoring EFM 10 1 NO+ 1 NC auxiliary switch on Multifunctional connector without current transformer without ammeter

Model	
product brand name	SETRON
product designation	Switch Disconnecter with Fuses 3NJ63
design of the product	with double-break
type of ammeter	without
design of the safety monitoring	EFM 10
type of the driving mechanism	manual operating mechanism
General technical data	
size of fuse link	1
let-through I _{2t} value at AC-22 B at 400 V maximum permissible	616 000 A ² ·s
let-through I _{2t} value at AC-22 B at 500 V maximum permissible	616 000 A ² ·s
fuse system	LV HRC fuse
Voltage	
operating voltage (U _e) rated value maximum	690 V
Dissipation	
power loss [W] maximum	75 W
Main circuit	
operational current rated value maximum	250 A
Auxiliary circuit	
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
Suitability	
suitability for use	system protection
Short circuit	
conditional short-circuit current (I _q)	
• at 500 V rated value	120 kA
• at 690 V rated value	100 kA
• at 800 V rated value	100 kA
• at AC-22 A at 800 V rated value	100 kA
• at AC-23 A at 500 V rated value	120 kA
• at AC-23 A at 690 V rated value	100 kA
Connections	
arrangement of electrical connectors for main current circuit	stud bolt connection M12
Mechanical Design	
height	99 mm
width	590 mm
depth	308 mm
mounting position	horizontal / vertical
busbar center-to-center spacing	185 mm
Environmental conditions	
installation altitude at height above sea level maximum	2 000 m
ambient temperature during operation	
• minimum	-25 °C
• maximum	70 °C
Approvals Certificates	
General Product Approval	other

[Confirmation](#)



[Miscellaneous](#)



[Miscellaneous](#)

other

Environment

[Confirmation](#)

[Environmental Con-
firmations](#)

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=3NJ6313-3AB03-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6313-3AB03-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6313-3AB03-0AA0

CAX-Online-Generator

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

Tender specifications

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

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