

Switch connector with fuses In-line design, pluggable NH1 250 A, 3-pole AC23A 500V , 120 (AC500V) kA manual operating Fuse monitoring EFM 20 without auxiliary switch 3 current transformers for Multifunctional connector 250/1A, Cl. 1

Model		
product brand name	SENTRON	
product designation	Switch Disconnecter with Fuses 3NJ63	
design of the product	with double-break	
type of ammeter	without	
design of the safety monitoring	EFM 20	
type of the driving mechanism	manual operating mechanism	
General technical data		
size of fuse link	1	
let-through I2t value at AC-22 B at 400 V maximum permissible	616 000 A²·s	
let-through I2t value at AC-22 B at 500 V maximum permissible	616 000 A²·s	
fuse system	LV HRC fuse	
Voltage		
operating voltage (Ue) rated value maximum	690 V	
Dissipation		
power loss [W] maximum	75 W	
Main circuit		
operational current rated value maximum	250 A	
Suitability		
suitability for use	system protection	
Short circuit		
conditional short-circuit current (Iq)		
• 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	
design of the wiring of the transformer	3 current transformer on multi-functional plugs	
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	Test Certificates	other

[Confirmation](#)[Type Test Certificates/Test Report](#)[Miscellaneous](#)

other	Environment
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[Confirmation](#)[Environmental Confirmations](#)

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=3NJ6313-3AC00-0CG1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6313-3AC00-0CG1>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6313-3AC00-0CG1

CAX-Online-Generator

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

Tender specifications

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

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