

Switch connector with fuses In-line design, pluggable NH00 160 A, 3-pole AC23A 500V , 120 (AC500V) kA manual operating Fuse monitoring EFM 20 without auxiliary switch 1 current transformer on Multifunctional connector 50/1A, Cl. 1

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 20	
type of the driving mechanism	manual operating mechanism	
General technical data		
size of fuse link	0	
let-through I _{2t} value at AC-22 B at 400 V maximum permissible	223 000 A²·s	
let-through I _{2t} value at AC-22 B at 500 V maximum permissible	223 000 A²·s	
fuse system	LV HRC fuse	
Voltage		
operating voltage (U _e) rated value maximum	690 V	
Dissipation		
power loss [W] maximum	35 W	
Main circuit		
operational current rated value maximum	160 A	
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-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, M8	
Mechanical Design		
height	49 mm	
width	590 mm	
depth	308 mm	
mounting position	horizontal / vertical	
design of the wiring of the transformer	1 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
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=3NJ6303-3AC00-0BB1>
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6303-3AC00-0BB1>
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6303-3AC00-0BB1
CAx-Online-Generator
<http://www.siemens.com/cax>
Tender specifications
<http://www.siemens.com/specifications>

last modified:

3/18/2025 

