

Switch connector with fuses In-line design, pluggable NH3 630 A, 3-pole AC23A 500V , 120 (AC500V) kA manual operating Fuse monitoring EFM 20 without auxiliary switch 3 current transformers for Multifunctional connector 600/1A, 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	3		
let-through I _{2t} value at AC-22 B at 400 V maximum permissible	4 840 000 A²·s		
let-through I _{2t} value at AC-22 B at 500 V maximum permissible	4 840 000 A²·s		
fuse system	LV HRC fuse		
Voltage			
operating voltage (U _e) rated value maximum	690 V		
Dissipation			
power loss [W] maximum	215 W		
Main circuit			
operational current rated value maximum	630 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, 2xM12		
Mechanical Design			
height	198 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



[Type Test Certificates/Test Report](#)

[Miscellaneous](#)

[Confirmation](#)

Environment

[Environmental Conformations](#)

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=3NJ6333-3AC00-0CL1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6333-3AC00-0CL1>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6333-3AC00-0CL1

CAX-Online-Generator

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

Tender specifications

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

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