

SWITCH DISCONNECTOR W. FUSES IN-LINE DESIGN, PLUG-IN
NH1 250A, 3-POLE STANDARD SWITCHING CAPACITY S
MANUAL OPERATION FUSE MONITORING EFM 10

Model	
version	With double disconnection
Design type	plug-in to busbars with 185mm center-line spacing
Type of ammeter	without
Design of the safety monitoring	EFM 10
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	1
Size of fuse link	1
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	3NJ621
Equipment marking / acc. to DIN 40719 extended according to IEC 204-2 / acc. 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

Protection class	
Protection class IP	IP41

Electricity	
rated current In	
• max.	250 A
• at 35 Cel	250 A
• at 40 Cel	238 A
• at 45 Cel	225 A
• at 50 Cel	213 A

Continuous current / rated value	250 A
Let-through current / I_{2 t} / maximum permissible / in utilization category	
• AC-21 B / at 400 V	780 000 A ² ·s
• AC-21 B / at 500 V	780 000 A ² ·s
• AC-22 B / at 400 V	780 000 A ² ·s
• AC-22 B / at 500 V	780 000 A ² ·s
Let-through current / I_c / maximum permissible / in utilization category	
• AC-21 B / at 400 V	55 000 A
• AC-21 B / at 500 V	55 000 A
• AC-22 B / at 400 V	55 000 A
• AC-22 B / at 500 V	55 000 A
Accuracy class / of the current transformer	without

Main circuit

Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V

Short circuit

Maximum short-circuit current breaking capacity (I _{cu}) / at 400 V / rated value	55 kA
---	-------

Connections

Type of connection, main circuit	Stud terminal, M12
Type of electrical connection / for main current circuit	stud terminals

Mechanical Design

Height	99 mm
Width	590 mm
Depth	308 mm
Type of mounting	plug-in version
Mounting type	pluggable
Busbar center-to-center spacing	185 mm
Busbar center-to-center spacing	
• 40 mm	No
• 50 mm	No
• 60 mm	No
• 100 mm	No
• 185 mm	Yes

Environmental conditions

Ambient temperature	
• during operation / minimum	-25 °C
• during operation / maximum	55 °C

Certificates

Equipment marking / acc. to DIN EN 61346-2

Q

General Product Approval		EMC	Declaration of Conformity	Test Certificates
 CCC	 sonstig	 C-Tick	 EG-Konf.	Typprüfbescheinigung/Werkszeugnis

other

[sonstig](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3NJ6213-1AB00-0AA0>

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

<http://support.automation.siemens.com/WW/view/en/3NJ6213-1AB00-0AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6213-1AB00-0AA0

CAX-Online-Generator

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

Tender specifications

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