

Switch disconnecter with fuses In-line design, pluggable NH2 400 A, 4-pole Standard switching capacity S manual operation

Model	
version	With double disconnection
Design type	plug-in to busbars with 185mm center-line spacing
Type of ammeter	without
Design of the load switch / Strip form	Yes
Type of the driving mechanism	manual operating mechanism
General technical data	
Number of poles	4
Field of application	LINE PROTECTION
Size of disconnecting link	2
Size of fuse link	2
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	3NJ622
Reference identifier / 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.	400 A
• at 35 Cel	400 A
• at 40 Cel	380 A
• at 45 Cel	360 A
• at 50 Cel	340 A
Continuous current / rated value	400 A

Let-through current / I _{2 t} / maximum permissible / in utilization category	
• AC-21 B / at 400 V	2 150 000 A ² ·s
• AC-21 B / at 500 V	2 150 000 A ² ·s
• AC-22 B / at 400 V	2 150 000 A ² ·s
• AC-22 B / at 500 V	2 150 000 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
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Connections

Type of connection, main circuit	Stud terminal, 2xM12
Type of electrical connection / for main current circuit	stud terminals

Mechanical Design

Height	249 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

Certificates

Reference identifier / acc. to DIN EN 61346-2	Q
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General Product Approval	Declaration of Conformity	other
Miscellaneous	 EG-Konf.	Miscellaneous

Further information

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=3NJ6224-1AA00-0AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ6224-1AA00-0AA0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ6224-1AA00-0AA0

CAX-Online-Generator

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

Tender specifications

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