

DISCONNECTOR-FUSE IN-LINE TYPE, CAN BE
PLUGGED IN NH1 250A, 3-POLE HIGH SWITCHING
CAPACITY H MANUAL OPERATION

Model		
version		With double disconnection
Design type		plug-in to busbars with 185mm center-line spacing
Type of ammeter		bimetal
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.	V	690
Rated insulation voltage Ui	V	1 000
Protection class		
Protection class IP		IP41
Electricity		
Number of transformers		1
rated current In		
• max.	A	250
• at 35 Cel	A	250
• at 40 Cel	A	238
• at 45 Cel	A	225
• at 50 Cel	A	213
Current		
• at output / rated value	A	1

• at input / rated value	A	250
Continuous current / rated value	A	250
Let-through current / I_{2 t} / maximum permissible / in utilization category		
• AC-21 B / at 400 V	A ² ·s	780 000
• AC-21 B / at 500 V	A ² ·s	780 000
• AC-22 B / at 400 V	A ² ·s	780 000
• AC-22 B / at 500 V	A ² ·s	780 000
Let-through current / I_c / maximum permissible / in utilization category		
• AC-21 B / at 400 V	A	66 000
• AC-21 B / at 500 V	A	66 000
• AC-22 B / at 400 V	A	66 000
• AC-22 B / at 500 V	A	66 000
Accuracy class / of the current transformer		class 1

Main circuit

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

Auxiliary circuit

Number of NO contacts / for auxiliary contacts		1
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Short circuit

Maximum short-circuit current breaking capacity (I _{cu}) / at 400 V / rated value	kA	66
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Connections

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

Mechanical Design

Height	mm	99
Width	mm	590
Depth	mm	308
Type of mounting		plug-in version
Mounting type		pluggable
Design of the wiring of the transformer		1 current transformer on 1 ammeter
Busbar center-to-center spacing	mm	185
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
- during operation / maximum

°C

-25

°C

55

Certificates

Equipment marking / acc. to DIN EN 61346-2

Q

General Product Approval

EMC

Declaration of
Conformity

other



CCC

[sonstig](#)



C-TICK



EG-Konf.

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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/3NJ62133AA012DG1>

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

<http://support.automation.siemens.com/WW/view/en/3NJ62133AA012DG1/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ62133AA012DG1

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

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