

DISCONNECTOR-FUSE IN-LINE TYPE, CAN BE PLUGGED IN
NH00 160A, 3-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	moving iron
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	00
Size of fuse link	00
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	3NJ620
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	
Number of transformers	1
rated current In	
• max.	160 A
• at 35 Cel	160 A
• at 40 Cel	152 A
• at 45 Cel	144 A
• at 50 Cel	136 A

Current	
• at output / rated value	5 A
• at input / rated value	150 A
Continuous current / rated value	160 A
Let-through current / I_{2 t} / maximum permissible / in utilization category	
• AC-21 B / at 400 V	223 000 A ² ·s
• AC-21 B / at 500 V	223 000 A ² ·s
• AC-22 B / at 400 V	223 000 A ² ·s
• AC-22 B / at 500 V	223 000 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	class 1
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, M8
Type of electrical connection / for main current circuit	stud terminals
Mechanical Design	
Height	49 mm
Width	590 mm
Depth	308 mm
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	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
- during operation / maximum

-25 °C

55 °C

Certificates

Equipment marking / acc. to DIN EN 61346-2

Q

General Product Approval**EMC****Declaration of
Conformity****other**

CCC

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EG-Konf.

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