

SWITCH DISCONNECTOR W. FUSES IN-LINE
DESIGN, PLUG-IN NH00 160A, 3-POLE HIGH
SWITCHING CAPACITY H 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		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.	V	690
Rated insulation voltage Ui	V	1 000

Protection class		
Protection class IP		IP41

Electricity		
rated current In		
• max.	A	160
• at 35 Cel	A	160
• at 40 Cel	A	152
• at 45 Cel	A	144
• at 50 Cel	A	136
Continuous current / rated value	A	160

Let-through current / I_{2 t} / maximum permissible / in utilization category		
• AC-21 B / at 400 V	A ² ·s	223 000
• AC-21 B / at 500 V	A ² ·s	223 000
• AC-22 B / at 400 V	A ² ·s	223 000
• AC-22 B / at 500 V	A ² ·s	223 000
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		without
Main circuit		
Operating voltage		
• at AC / at 50/60 Hz / rated value	V	690
Auxiliary circuit		
Number of NC contacts / for auxiliary contacts		1
Number of NO contacts / for auxiliary contacts		1
Short circuit		
Maximum short-circuit current breaking capacity (I _{cu}) / at 400 V / rated value	kA	66
Connections		
Type of connection, main circuit		Stud terminal, M8
Type of electrical connection / for main current circuit		stud terminals
Mechanical Design		
Height	mm	49
Width	mm	590
Depth	mm	308
Type of mounting		plug-in version
Mounting type		pluggable
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	Test Certificates
 CCC	 EAC	 EG-Konf.	sonstig 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/3NJ62033AB030AA0>

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

<http://support.automation.siemens.com/WW/view/en/3NJ62033AB030AA0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ62033AB030AA0

CAX-Online-Generator

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

Tender specifications

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

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