

In-line fuse switch disconnecter 3-pole selectable, Sz. 00 I=160 A,
U=690 V AC Flat terminal M8 for cable lug 1x 10-95 mm²



Model	
Product brand name	SETRON
Product designation	Fuse switch disconnectors
Design of the product	in in-line design
Type of switching contact / double breaking switching contact	No
Design of the safety monitoring	Without
Design of the load switch / Strip form	Yes

General technical data	
Number of poles	3
Number of poles / Note	3-pole switchable
Type of device	For busbar system 185 mm
Size of fuse link	NH000, NH00
Operating current / at 35 °C / rated value	160 A
cut-off value I ² t _{max} / 500 V	225 000 A ² ·s
circuit-breaker / Design	3NJ4
Fuse system	LV HRC fuse

Voltage	
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Insulation voltage / rated value	800 V
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
• at DC / rated value	440 V
Protection class	
Protection class IP / on the front	IP30
Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	6 W
Current	
Number of transformers	0
Continuous current	
• rated value	160 A
• at 40 °C / rated value	152 A
• at 45 °C / rated value	144 A
• at 50 °C / rated value	136 A
• at 55 °C / rated value	128 A
• at 60 °C / rated value	120 A
• at 65 °C / rated value	112 A
• at 70 °C / rated value	110.5 A
Let-through current / I _c / maximum permissible	
• 400 V	15 kA
• 500V	15 kA
cut-off value I ² t _{max} / 400 V	225 000 A ² ·s
Main circuit	
Operating current	
• rated value	160 A
• with capacitive load / at 400 V / rated value	72 A
• with capacitive load / at 500 V / rated value	55 A
Suitability	
Suitability for operation	System protection
Suitability for use	
• Main switch	No
• switch disconnecter	Yes
• EMERGENCY OFF switch	No
• safety switch	No
• maintenance/repair switch	No
Product details	
Product component	
• Voltage trigger	No

- undervoltage release
- undervoltage release with leading contact

No

No

Short circuit

Conditional rated short-circuit current / in utilization category

- AC-21 B / at 400 V
- AC-21 B / at 500 V
- AC-22 B / at 400 V
- AC-22 B / at 500 V

50 kA

50 kA

50 kA

50 kA

Connections

Arrangement of electrical connectors / for main current circuit

Screw terminal

Type of electrical connection / for main current circuit

screw-type terminals

Mechanical Design

Height

647 mm

Width

49 mm

Depth

150 mm

Mounting type

Flachanschluss, M 8

Mounting position

vertical

Busbar center-to-center spacing

185 mm

Busbar center-to-center spacing

- 40 mm
- 50 mm
- 60 mm
- 100 mm
- 185 mm

No

No

No

No

Yes

Net weight

2.18 kg

Environmental conditions

Ambient temperature / during operation

- minimum
- maximum

-25 °C

55 °C

Certificates

Reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 EG-Konf.	Special Test Certificate

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=3NJ4103-3BF01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ4103-3BF01>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4103-3BF01

CAX-Online-Generator

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

Tender specifications

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