



in-line fuse switch disconnecter 3-pole switchable, size 00 I=63 A, U=800 V AC  
AC-21 B flat connector M8, for cable lug max. 95 mm<sup>2</sup> for LV HRC fuse operational  
class gG 800 V AC 25-63 A gS 800 V AC 63-100 A 3-pole 160 A, 800 V AC size 00

Figure similar

Model	
product brand name	SENTRON
product designation	Fuse switch disconnectors
type of switching contact double breaking switching contact	No
design of the auxiliary release	Without
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	NH00
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	1 000 V
operational current	
• at AC-21 B at 400 V rated value	160 A
• at AC-21 B at 500 V rated value	160 A
• at AC-21 B at 690 V rated value	160 A
• at AC-21 B at 800 V rated value	63 A
• at AC-23 B at 400 V rated value	160 A
operating voltage	
• at AC rated value	800 V
Protection class	
protection class IP on the front	IP30
Dissipation	
power loss [W]	
• maximum	18 W
Main circuit	
operational current	
• rated value	63 A
Suitability	
suitability for operation	System protection
suitability for use main switch	No
suitability for use switch disconnecter	Yes
suitability for use EMERGENCY OFF switch	No
suitability for use safety switch	No
suitability for use maintenance/repair switch	No

## Product details

<b>product component</b>	
• voltage trigger	No
• undervoltage release	No
• undervoltage release with leading contact	No

## Short circuit

<b>conditional short-circuit current (I<sub>q</sub>)</b>	
• at AC-21 B at 400 V rated value	80 kA
• at AC-21 B at 500 V rated value	80 kA
• at AC-21 B at 690 V rated value	80 kA
• at AC-21 B at 800 V rated value	10 kA
• at AC-22 B at 400 V rated value	80 kA
• at AC-22 B at 500 V rated value	80 kA
• at AC-22 B at 690 V rated value	80 kA
• at AC-23 B at 400 V rated value	80 kA
• at AC-23 B at 500 V rated value	80 kA
• at AC-23 B at 690 V rated value	80 kA

## Connections

arrangement of electrical connectors for main current circuit	Screw terminal
type of electrical connection for main current circuit	busbar connection

## Mechanical Design

<b>height</b>	647 mm
<b>width</b>	50 mm
<b>depth</b>	150 mm
<b>fastening method</b>	Flachanschluss, M 10
<b>mounting position</b>	vertical, horizontal
<b>busbar center-to-center spacing</b>	185 mm
<b>busbar center-to-center spacing</b>	
• 40 mm	No
• 50 mm	No
• 60 mm	No
• 100 mm	No
• 185 mm	Yes

<b>Net Weight</b>	2.153 kg
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## Environmental conditions

<b>ambient temperature during operation</b>	
• minimum	-25 °C
• maximum	55 °C

## Approvals Certificates

<b>General Product Approval</b>	<b>other</b>	<b>Environment</b>
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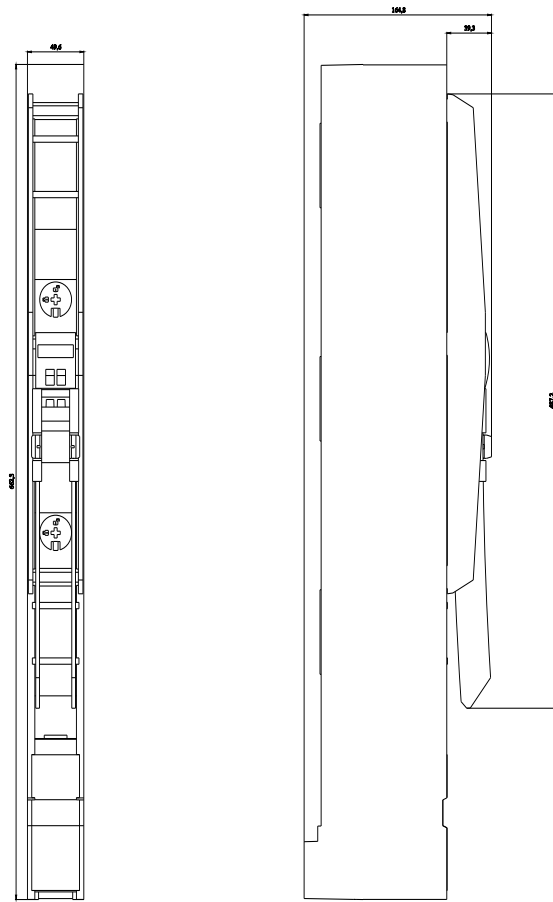


[Confirmation](#)

[Environmental Confirmations](#)

## Further information

Information on the packaging  
<https://support.industry.siemens.com/cs/ww/en/view/109813875>  
 Information for data generation and storage  
<https://support.industry.siemens.com/cs/ww/en/view/109995012>  
 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=3NJ4103-3DF01>  
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3NJ4103-3DF01>  
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NJ4103-3DF01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4103-3DF01)  
 CAx-Online-Generator  
<http://www.siemens.com/cax>  
 Tender specifications  
<http://www.siemens.com/specifications>



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