

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

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 100 mm
size of fuse link	NH00
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	1 000 V
operational current	
<ul style="list-style-type: none"> <li>at AC-21 B at 400 V rated value</li> <li>at AC-21 B at 500 V rated value</li> <li>at AC-21 B at 690 V rated value</li> <li>at AC-21 B at 800 V rated value</li> <li>at AC-23 B at 400 V rated value</li> </ul>	160 A 160 A 100 A 63 A 160 A
operating voltage	
<ul style="list-style-type: none"> <li>at AC rated value</li> </ul>	800 V
Protection class	
protection class IP on the front	IP30
Dissipation	
power loss [W]	
<ul style="list-style-type: none"> <li>maximum</li> </ul>	12 W
Main circuit	
operational current	
<ul style="list-style-type: none"> <li>rated value</li> </ul>	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	
product component	
<ul style="list-style-type: none"> <li>voltage trigger</li> <li>undervoltage release</li> <li>undervoltage release with leading contact</li> </ul>	No No No
Short circuit	
conditional short-circuit current (I <sub>q</sub> )	
<ul style="list-style-type: none"> <li>at AC-21 B at 400 V rated value</li> <li>at AC-21 B at 500 V rated value</li> <li>at AC-21 B at 690 V rated value</li> <li>at AC-21 B at 800 V rated value</li> </ul>	50 kA 50 kA 50 kA 10 kA

• at AC-22 B at 400 V rated value	50 kA
• at AC-22 B at 500 V rated value	50 kA
• at AC-22 B at 690 V rated value	50 kA
• at AC-23 B at 400 V rated value	50 kA
• at AC-23 B at 500 V rated value	50 kA
• at AC-23 B at 690 V rated value	50 kA

#### Connections

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

#### Mechanical Design

height	410 mm
width	50 mm
depth	121 mm
fastening method	Flachanschluss, M 8
mounting position	vertical, horizontal
busbar center-to-center spacing	100 mm
busbar center-to-center spacing	
• 40 mm	No
• 50 mm	No
• 60 mm	No
• 100 mm	Yes
• 185 mm	No

Net Weight	1.14 kg
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#### Environmental conditions

ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C

#### Approvals Certificates

General Product Approval	other	Environment
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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=3NJ4103-3DF02>  
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/3NJ4103-3DF02>  
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3NJ4103-3DF02](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4103-3DF02)  
 CAx-Online-Generator  
<http://www.siemens.com/cax>  
 Tender specifications  
<http://www.siemens.com/specifications>

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