



In-line fuse switch disconnecter 3-pole selectable, Sz. 2 I=400 A, U=690 V Screw terminal M12, Current transformer installation possible

Model	
product brand name	SENTRON
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 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	NH1, NH2
fuse system	LV HRC fuse
Voltage	
insulation voltage rated value	1 000 V
operating voltage at DC rated value	440 V
Protection class	
protection class IP on the front	IP30
Dissipation	
power loss [W]	
<ul style="list-style-type: none"> for rated value of the current at AC in hot operating state per pole 	16.3 W
<ul style="list-style-type: none"> maximum 	49 W
operational current	
<ul style="list-style-type: none"> at AC-21 B at 400 V rated value 	400 A
<ul style="list-style-type: none"> at AC-21 B at 500 V rated value 	400 A
<ul style="list-style-type: none"> at AC-21 B at 690 V rated value 	400 A
<ul style="list-style-type: none"> at AC-23 B at 400 V rated value 	400 A
Main circuit	
operational current	
<ul style="list-style-type: none"> rated value 	400 A
<ul style="list-style-type: none"> with capacitive load at 400 V rated value 	216 A
<ul style="list-style-type: none"> with capacitive load at 500 V rated value 	165 A
Suitability	
suitability for operation	System protection
suitability for use	
<ul style="list-style-type: none"> main switch 	No
<ul style="list-style-type: none"> switch disconnecter 	Yes
<ul style="list-style-type: none"> EMERGENCY OFF switch 	No

- safety switch No
- maintenance/repair switch No

Product details

- product component
- voltage trigger No
- undervoltage release No
- undervoltage release with leading contact No

Short circuit

- conditional short-circuit current (I_q)**
- at AC-21 B at 400 V rated value 110 kA
- at AC-21 B at 500 V rated value 110 kA
- at AC-21 B at 690 V rated value 110 kA
- at AC-22 B at 400 V rated value 110 kA
- at AC-22 B at 500 V rated value 110 kA
- at AC-22 B at 690 V rated value 110 kA
- at AC-23 B at 400 V rated value 110 kA
- at AC-23 B at 500 V rated value 110 kA
- at AC-23 B at 690 V rated value 110 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 662 mm
- width 100 mm
- depth 195 mm
- fastening method Flachanschluss, M 12
- mounting position vertical
- 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
- net weight 5.24 kg

Environmental conditions

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

General Product Approval	Declaration of Conformity	Test Certificates	other
Confirmation 	  <small>EG-Konf.</small>	Special Test Certificate	Miscellaneous
Confirmation	Environmental Conformations		

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>
 Siemens is working on the renewal of the current EAC certificates.
 Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
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=3NJ4133-3BF11>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3NJ4133-3BF11>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4133-3BF11

CAX-Online-Generator

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

Tender specifications

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

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