SIEMENS

Data sheet 3NJ4123-3BF01



In-line fuse switch disconnector 3-pole selectable, Sz. 1 I=250 A, U=690 V Screw terminal M10, $\,$

Figure similar

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	
fuse system	LV HRC fuse	
Voltage		
insulation voltage rated value	1 000 V	
operational current		
• at AC-21 B at 400 V rated value	250 A	
• at AC-21 B at 500 V rated value	250 A	
• at AC-21 B at 690 V rated value	250 A	
• at AC-23 B at 400 V rated value	250 A	
operating voltage		
 at AC 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 	7.66 W	
• maximum	23 W	
Main circuit		
operational current		
• rated value	250 A	
 with capacitive load at 400 V rated value 	144 A	
with capacitive load at 500 V rated value	110 A	
Suitability		
suitability for operation	System protection	

suitability for use main switch	No	
suitability for use switch disconnector	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		
 voltage trigger 	No	
 undervoltage release 	No	
 undervoltage release with leading contact 	No	
Short circuit		
conditional short-circuit current (Iq)		
 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 10	
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	5.08 kg	
Environmental conditions		
ambient temperature during operation		
• minimum	-25 °C	
maximum	55 °C	
Approvals Certificates		
PRODUCTION OF THE PRODUCTION O		





Confirmation

Miscellaneous

Environment

Environmental Con-firmations

Environmental Con-firmations

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=3NJ4123-3BF01

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3NJ4123-3BF01

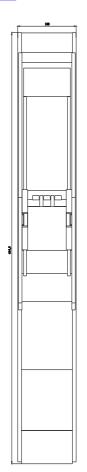
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NJ4123-3BF01

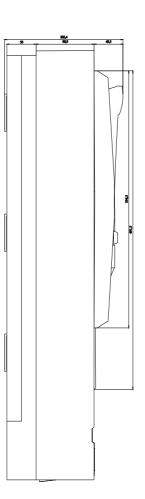
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





last modified:

7/29/2022