



FUSE-SWITCH-DISCONNECTOR 3-POLE, NH00,
160A 40MM BUSBAR SYSTEM COVER LEVEL 32/70 MM
BOX TERMINAL FUSE MONITORING ELECTRONIC,
EFM 20

Similar to image

General technical details:

Type from device		Zum Aufschnappen auf Sammelschienensystem Siemens 8US 40 mm
mounting position		waagrecht oder senkrecht
Width	mm	105.8
Height	mm	210.4
Depth	mm	177.2
Center line spacing	mm	40
Busbar design		Sammelschienenendicke 5 oder 10 mm
Continuous current		
• at 40 °C / rated value	A	155
• at 45 °C / rated value	A	145
• at 50 °C / rated value	A	140
• at 55 °C / rated value	A	133
Operational current		
• at AC-21 B		
• at 400 V / rated value	A	160
• at 500 V / rated value	A	160
• at 690 V / rated value	A	160
• at AC-22 B / at 400 V / rated value	A	160

Rated current I_e / maximum / in utilization category		
• AC-22 B		
• at 500 V	A	160
• at 690 V	A	125
• AC-23 B		
• at 400 V	A	160
• at 500 V	A	63
• at 690 V	A	35
• Capacitor		
• at 400 V	A	72
• at 500 V	A	55
Conditional short-circuit current (I_q)		
• at 500 V / with AC / with speedy activation / rated value	kA	80
• at 690 V / with AC / with speedy activation / rated value	kA	80
• with closed switch		
• at 500 V / with AC / rated value	kA	120
• at 690 V / with AC / rated value	kA	120
Insulation voltage / rated value	V	690
Impulse voltage resistance / rated value	kV	8
Tension d'emploi		
• sous AC		
• rated value	V	230 ... 690
Power factor		
• at AC-21 B		0.95
• at AC-22 B		0.65
• at AC-23 B		0.45
• with capacitive load		-0.25
I_{2t} value / with closed switch / maximum permissible	kA ² ·s	158
Let-through current		
• with speedy activation / maximum permissible	kA	15
• with closed switch / maximum permissible	kA	23
Design of the load switch / Strip form		No
Fuse system		LV HRC fuse
Installation size of fuse-link		NH000, NH00
Installation size of disconnecting link		00 and 000
Active power loss / maximum	W	12
Design of the safety monitoring		Electronic EFM20
Product component / phase failure monitoring		Yes
Product extension / optional		

• voltage trigger		No
• locking capability		Yes
Product component		
• undervoltage release mechanism		No
• undervoltage release with leading contact		No
Product function / overvoltage protection monitoring		Yes
Product feature / sealable		Yes
Type of the driving mechanism / motor drive		No
Design of the electrical connection / for main current circuit		box terminals
Arrangement of electrical connectors / for main current circuit		sonstige
Conductor cross-section that can be connected / for main contacts		
• solid	mm ²	6 ... 70
• stranded	mm ²	6 ... 70
• stranded wire		
• with conductor end processing	mm ²	6 ... 50
Type of connectable conductor cross-sections / of laminated conductors / maximum		9 x 8 mm
Tightening torque		
• with screw-type terminals	N·m	10 ... 10
Product extension / auxiliary switch		Yes
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		0
Number of change-over switches / for auxiliary contacts		0
Acceptability for application		
• switch disconnecter		Yes
• emergency stop switch		No
• main switch		No
• safety cut-out switch		Yes
• maintenance/repair switch		Yes
Type of mounting		busbar mounting
• Rail installation		Yes
• front mounting		No
• floor mounting		No
Largeur		
• du jeu de barres	mm	12 ... 15
IP degree of protection		
• open		IP20
• with closed switch		
• without cover or cable lug cover		IP30
• with cover or cable lug cover		IP40

Degree of pollution		3
Mechanical operating cycles as operating time / typical		2,000
Item designation / according to DIN EN 61346-2		Q

Ambient conditions:

Ambient temperature

- during operating
- during storage

°C	-25 ... +55
°C	-50 ... +80

Certificates/approvals:

General Product Approval

Declaration of Conformity



CB



CCC



GOST



UL



EG-Konf.

Test Certificates

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

Shipping Approval



DNV



GL



LRS

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/lowvoltage/mall>

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

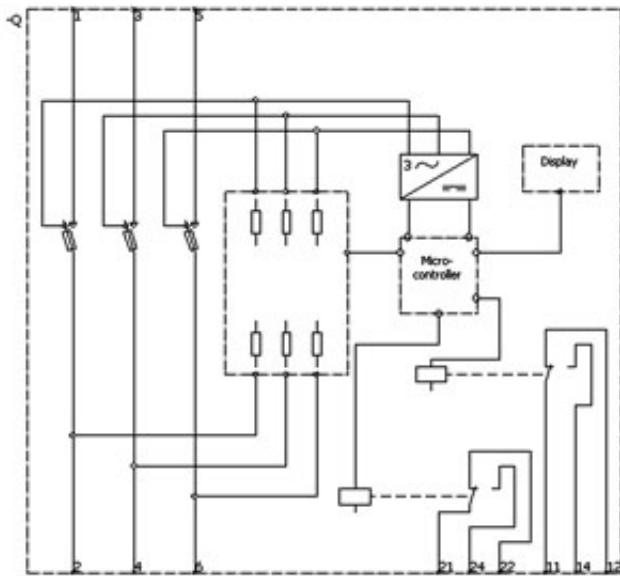
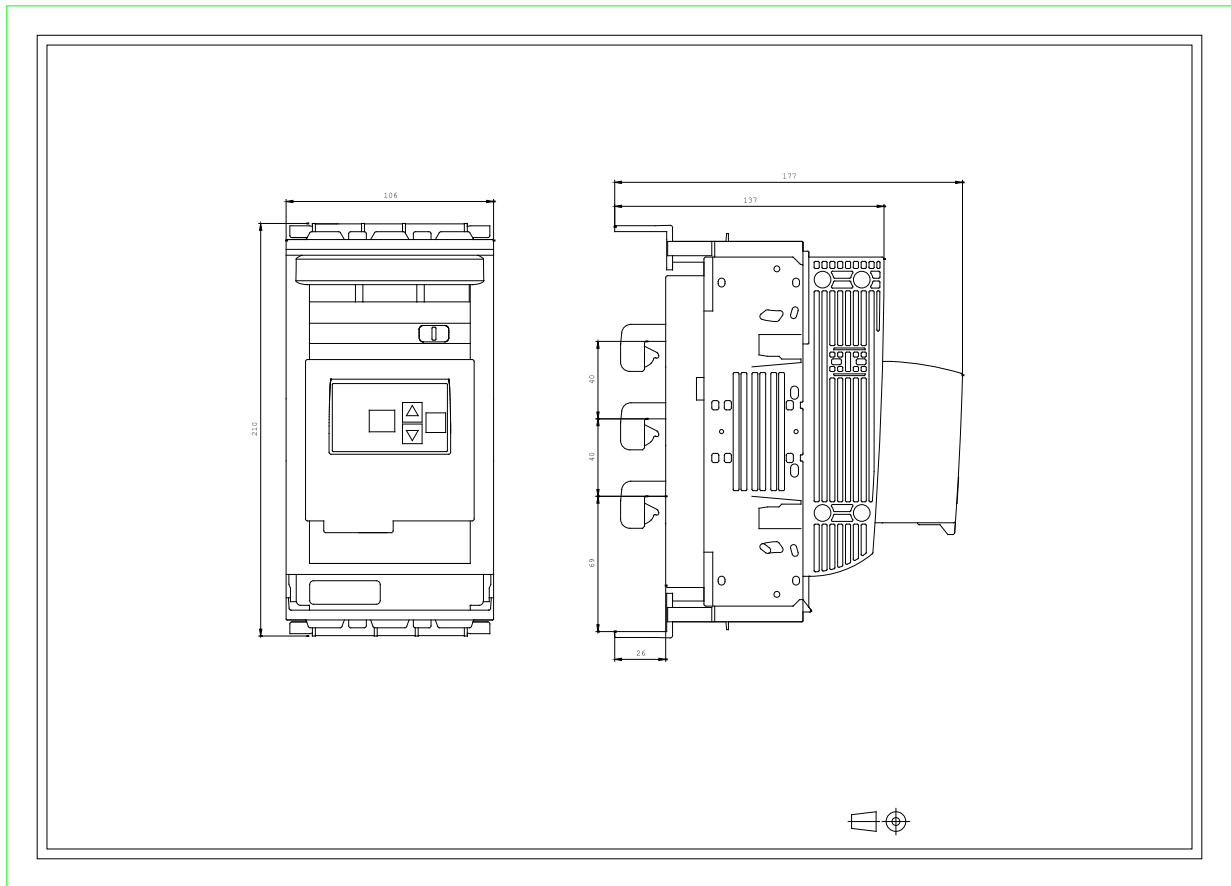
<http://support.automation.siemens.com/WW/view/en/3NP1133-1BB23/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3NP1133-1BB23

CAX-Online-Generator

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



last change:

Nov 2, 2012