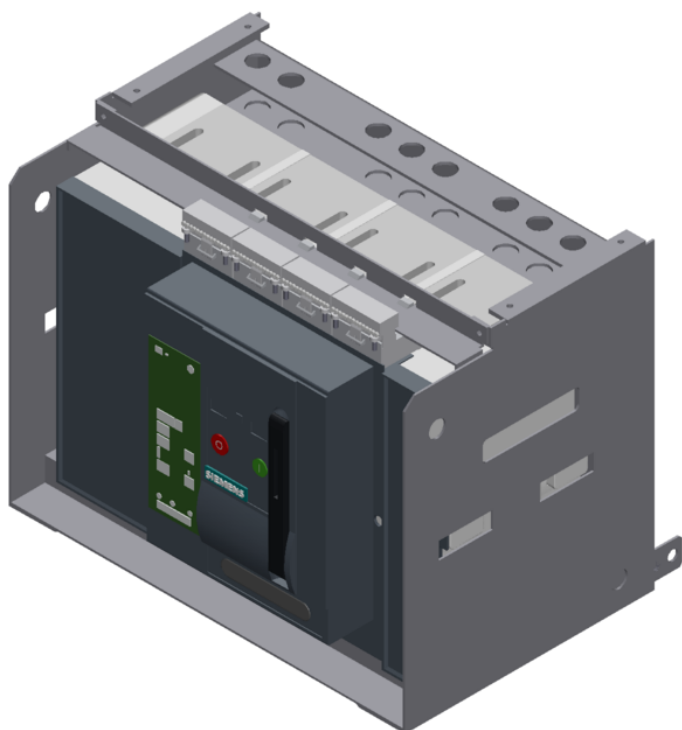


Draw-out circuit breaker Without guide frame 4-pole,
Size 2, IEC In=3200 A to 690 V, 50/60 Hz AC Icu=80 kA
at 500 V Rear horizontal connection



Model		
Product brand name		SENTRON
Product designation		ACB
Design of the auxiliary switch		4 NO + 4 NC
Design of the operating mechanism		Pushbutton
Type of the driving mechanism		Manual/motorized operating mechanism with mechanical and electrical closing
Type of the driving mechanism / motor drive		Yes
Design of the overcurrent release		ETU27B

General technical data		
Number of poles		4
Size of the circuit-breaker		2
Electrical endurance (switching cycles) / typical		15 000
Usage category		B
circuit-breaker / Design		3WL1232
Mechanical service life (switching cycles) / typical		15 000

Voltage		
Rated insulation voltage Ui	V	1 000

Protection class		
Protection class IP		IP20
Protective function of the overcurrent release		LSING

Dissipation		
Power loss [W]		
for rated value of the current / at AC / in hot operating state / per pole	W	236.7
maximum	W	710

Electricity		
Operating current / at 45 °C / rated value	A	3 200
Continuous current / rated value	A	3 200
Adjustable pick-up value current		
of the current-dependent overload release / Full-scale value	A	3 200
of instantaneous short-circuit trip unit / initial value	A	50 000
of instantaneous short-circuit trip unit / Full-scale value	A	50 000
Short-time current resistance (Icw)		
limited to 0.5 s / rated value	kA	80
limited to 2 s / rated value	kA	46
limited to 3 s / rated value	kA	44

Main circuit

Operating frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Operating voltage		
• at AC / at 50/60 Hz / rated value	V	690
Operating current		
• at 40 °C / rated value	A	3 200
• at 50 °C / rated value	A	3 200
• at 55 °C / rated value	A	3 200
• at 60 °C / rated value	A	3 020
• at 65 °C / rated value	A	3 020
• at 70 °C / rated value	A	2 870

Auxiliary circuit		
Number of NC contacts / for auxiliary contacts		4
Number of NO contacts / for auxiliary contacts		4

Suitability		
Suitability for use		Plant / motor protection

Adjustable parameters		
Adjustable pick-up value current		
• of the short-time delayed short-circuit release / initial value	A	4 000
• of the short-time delayed short-circuit release / Full-scale value	A	38 400
Adjustable pick-up value current / of the current-dependent overload release / initial value	A	1 280

Product details		
Product component		
• Trip indicator		Yes
• Voltage trigger		Yes
• undervoltage release		No
Product extension / optional / motor drive		No

Product function		
Product function		
• Ground fault protection		Yes
• Phase failure detection		Yes

Display and operation		
Display version		without display

Short circuit		
Operational short-circuit current breaking capacity (Ics)		

• at 415 V / rated value	kA	80
• at 500 V / rated value	kA	80
• at 690 V / rated value	kA	75
Maximum short-circuit current breaking capacity (Icu)		
• at 415 V / rated value	kA	80
• at 500 V / rated value	kA	80
• at 690 V / rated value	kA	75
Short-time current resistance (Icw) / limited to 1 s / rated value	kA	66

Connections

Arrangement of electrical connectors / for main current circuit		without guide frame
Type of electrical connection / for main current circuit		Blade contacts

Mechanical Design

Height	mm	411.5
Width	mm	555
Depth	mm	337
Mounting type		drawer unit

Environmental conditions

Ambient temperature		
• during operation / minimum	°C	-20
• during operation / maximum	°C	70
• during storage / minimum	°C	-40
• during storage / maximum	°C	70

Certificates

Equipment marking		
• acc. to DIN EN 61346-2		Q
• acc. to DIN EN 81346-2		Q

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CCC	 VDE	 EG-Konf.	Special Test Certificate Miscellaneous  ABS

Shipping Approval					other
 BUREAU VERITAS	 GL	 LRS	 PRS	 RMRS	Environmental Confirmations

other
Miscellaneous

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-3DG45-5FA4-Z B32+C11+C22+F21+K07>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-3DG45-5FA4-Z B32+C11+C22+F21+K07>

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

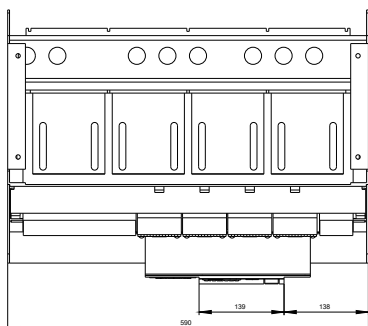
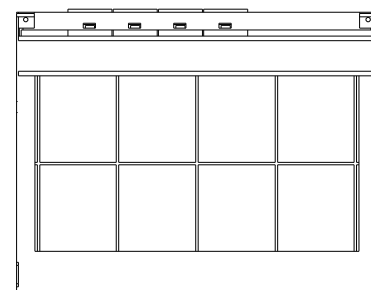
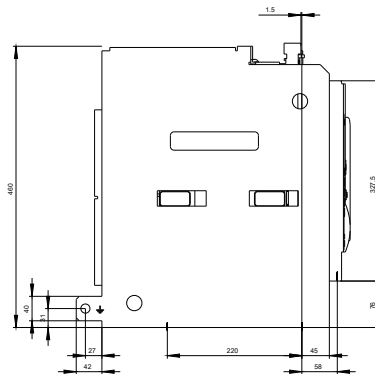
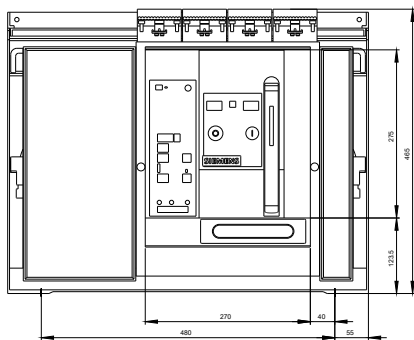
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-3DG45-5FA4-Z B32+C11+C22+F21+K07

CAX-Online-Generator

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

Tender specifications

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





last modified:

02/12/2018