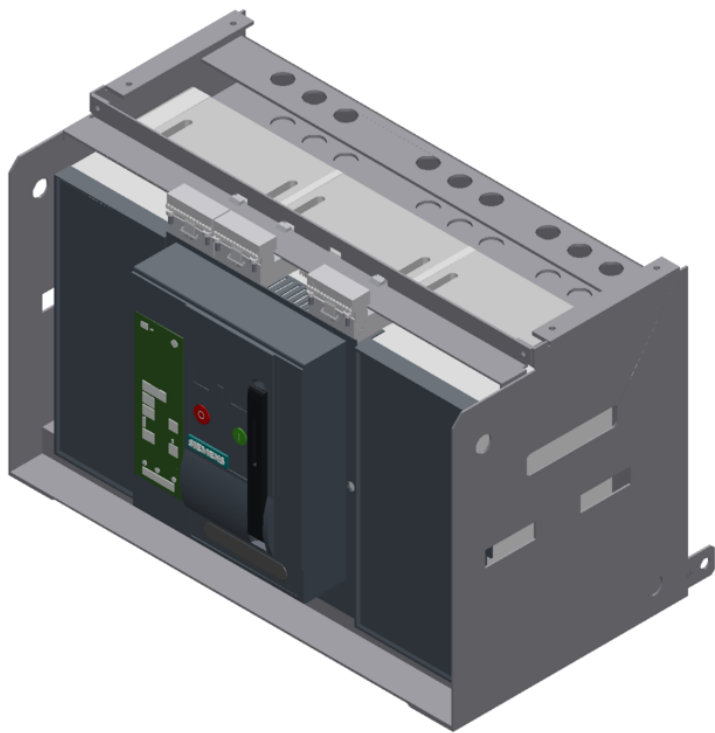


withdrawable circuit breaker without guide frame 3-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated Motorized/manual operating mechanism with memory Drive motor AC 50/60 Hz 110-127 V AC or 110-125 V DC Activation 50/60 Hz 110 V AC, 110 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 110 V AC/110 V DC, 100% on-load factor without 2nd auxiliary release 4NO+4NC



Model		
Product brand name		SENTRON
Product designation		ACB
Design of the product		IEC 60947-2
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		3
Size of the circuit-breaker		3
Electrical endurance (switching cycles) / typical		10 000
Usage category		B
circuit-breaker / Design		3WL1
Mechanical service life (switching cycles) / typical		10 000

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	270
---	---	-----

Electricity

Operating current / at 45 °C / rated value	A	4 000
Continuous current / rated value	A	4 000
Adjustable pick-up value current		
• 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	100
• limited to 1 s / rated value	kA	100
• limited to 2 s / rated value	kA	80
• limited to 3 s / rated value	kA	65

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	4 000
• at 50 °C / rated value	A	4 000

- at 55 °C / rated value
- at 60 °C / rated value
- at 65 °C / rated value
- at 70 °C / rated value

A	4 000
A	4 000
A	4 000
A	4 000

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
---------------------	--	--------------------------

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

Display and operation

Display version		without display
-----------------	--	-----------------

Short circuit

Operational short-circuit current breaking capacity (Ics)		
• at 415 V / rated value	kA	100
• at 500 V / rated value	kA	100
• at 690 V / rated value	kA	85
Maximum short-circuit current breaking capacity (Icu)		
• at 415 V / rated value	kA	100
• at 500 V / rated value	kA	100
• at 690 V / rated value	kA	85
• at 1000/1150 V / rated value	kA	50

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	410
Width	mm	694
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

Reference code		
• acc. to DIN EN 61346-2		Q
• acc. to DIN EN 81346-2		Q
Waste electronic equipment must not be disposed as unsorted municipal waste, e.g. household waste. For disposing the waste electronic equipment it is necessary to observe the current local national/international regulations. 		

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

Shipping Approval					
 BUREAU VERITAS	 DNV	 GL	 LRS	 PRS	 RMRS

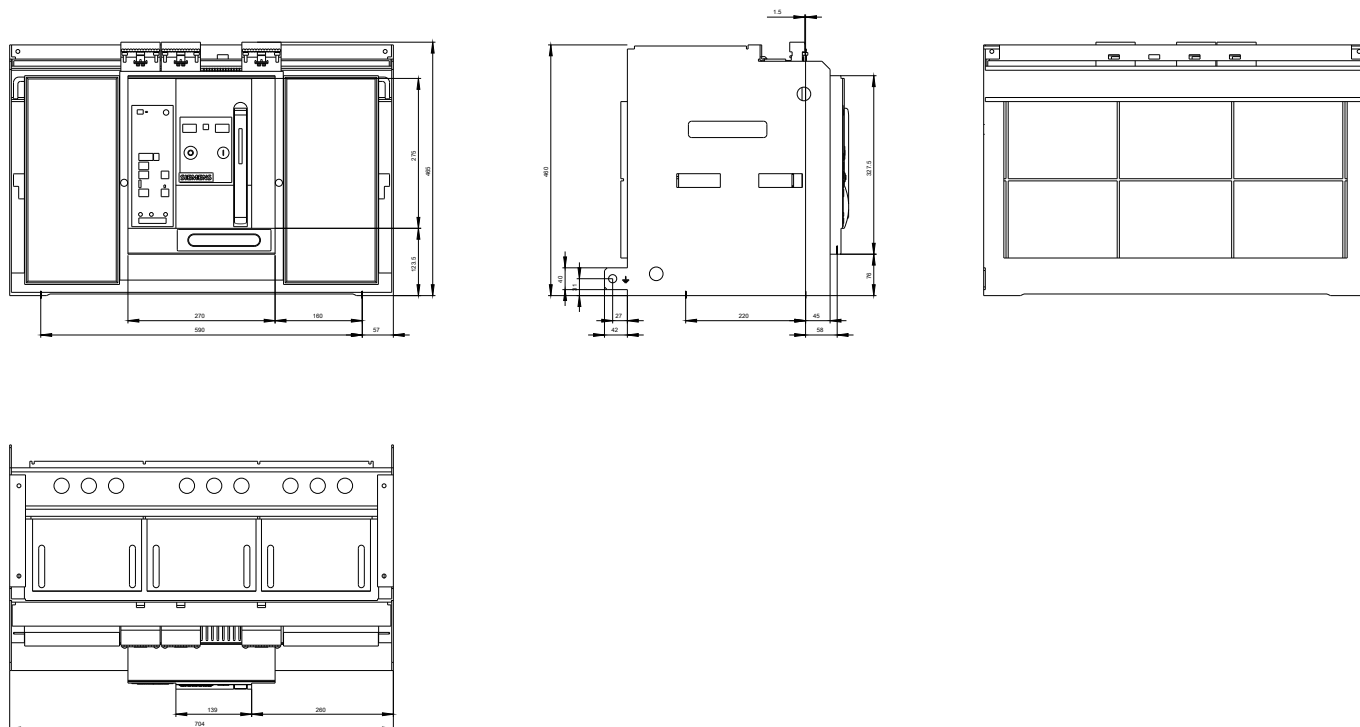
other		
Environmental Con- firmations	Manufacturer De- claration	Miscellaneous

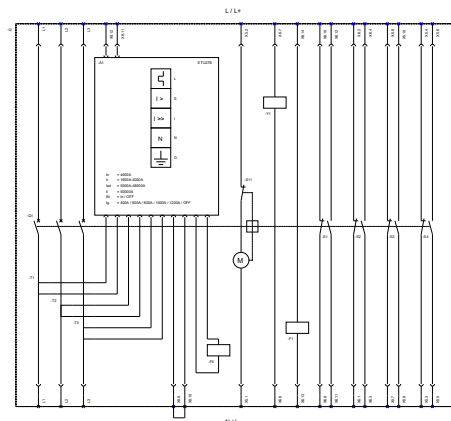
Further information

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1340-4DG35-5FA4>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4DG35-5FA4>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4DG35-5FA4





1. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 2. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 3. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 4. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 5. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 6. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 7. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 8. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 9. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 10. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 11. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)
 12. Delay Time Delay (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off) (On/Off)

last modified:

02/01/2019