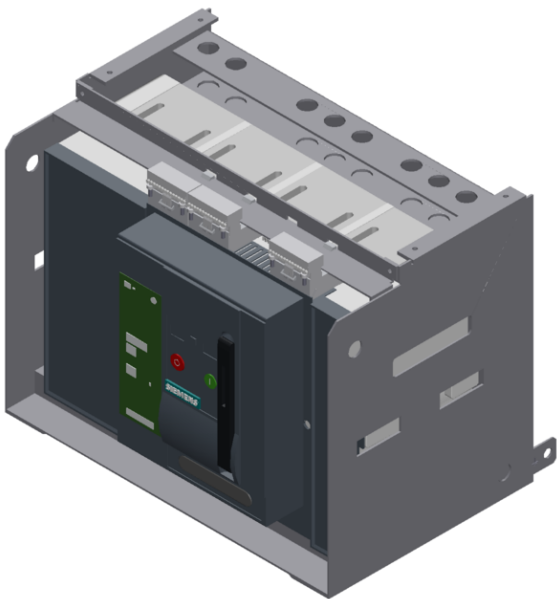


withdrawable circuit breaker without guide frame 4-pole, size II, IEC
In=3200A to 690V, AC50/60Hz Icu=66kA at 500V rear connection
horizontal Overcurrent release ETU 15 LI protection adjustable 0.5-1
in With manual operating mechanism with storage with mechanical
request without 1st auxiliary release without 2nd auxiliary release
2NO+2NC



Model	
product brand name	SENTRON
product designation	ACB
design of the product	IEC 60947-2
design of the actuating element	Pushbutton
type of the driving mechanism	Manual operating mechanism with mechanical closing
type of the driving mechanism / motor drive	No

design of the overcurrent release	ETU15B
General technical data	
number of poles	4
size of the circuit-breaker	2
utilization category	B
circuit-breaker / Design	3WL1
Voltage	
Rated insulation voltage U_i	1 000 V
insulation voltage / rated value	1 000 V
operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Protection class	
protection class IP	IP20
protection class IP / on the front	IP20
protection function of the overcurrent release	LI
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	236.7 W
• maximum	710 W
Current	
continuous current / rated value / maximum	3 200 A
continuous current / rated value	3 200 A
adjustable current response value current	
• of the current-dependent overload release / full-scale value	3 200 A
• of instantaneous short-circuit trip unit / initial value	6 400 A
• of instantaneous short-circuit trip unit / full-scale value	25 600 A
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
operational current	
• at 40 °C / rated value	3 200 A
• at 50 °C / rated value	3 200 A
• at 55 °C / rated value	3 200 A
• at 60 °C / rated value	3 020 A
• at 65 °C / rated value	3 020 A
• at 70 °C / rated value	2 870 A

Auxiliary circuit	
number of NC contacts / for auxiliary contacts	2
number of NO contacts / for auxiliary contacts	2
Suitability	
suitability for use	system protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	1 600 A
Product details	
product component	
<ul style="list-style-type: none"> • trip indicator • voltage trigger • undervoltage release 	Yes No No
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	Yes
Product function	
product function	
<ul style="list-style-type: none"> • grounding protection • phase failure detection 	No No
Display and operation	
display version	without display
Short circuit	
<ul style="list-style-type: none"> • breaking capacity operating short-circuit current (Ics) / at 415 V / rated value • breaking capacity operating short-circuit current (Ics) / at 500 V / rated value • breaking capacity operating short-circuit current (Ics) / at 690 V / rated value 	66 kA 66 kA 50 kA
<ul style="list-style-type: none"> • breaking capacity maximum short-circuit current (Icu) / at 415 V / rated value • breaking capacity maximum short-circuit current (Icu) / at 500 V / rated value • breaking capacity maximum short-circuit current (Icu) / at 690 V / rated value 	66 kA 66 kA 50 kA
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	411.5 mm





width	555 mm
depth	337 mm
fastening method	drawer unit



Environmental conditions

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

Certificates

reference code	
• acc. to DIN EN 61346-2	Q
• acc. to IEC 81346-2	Q

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

Shipping Approval	other
 LRS	 RMRS
	CCS / China Classification Society
	Environmental Conformations
	Manufacturer Declaration
	Confirmation

other
Miscellaneous

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3WL1232-2BB45-1AA2>

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

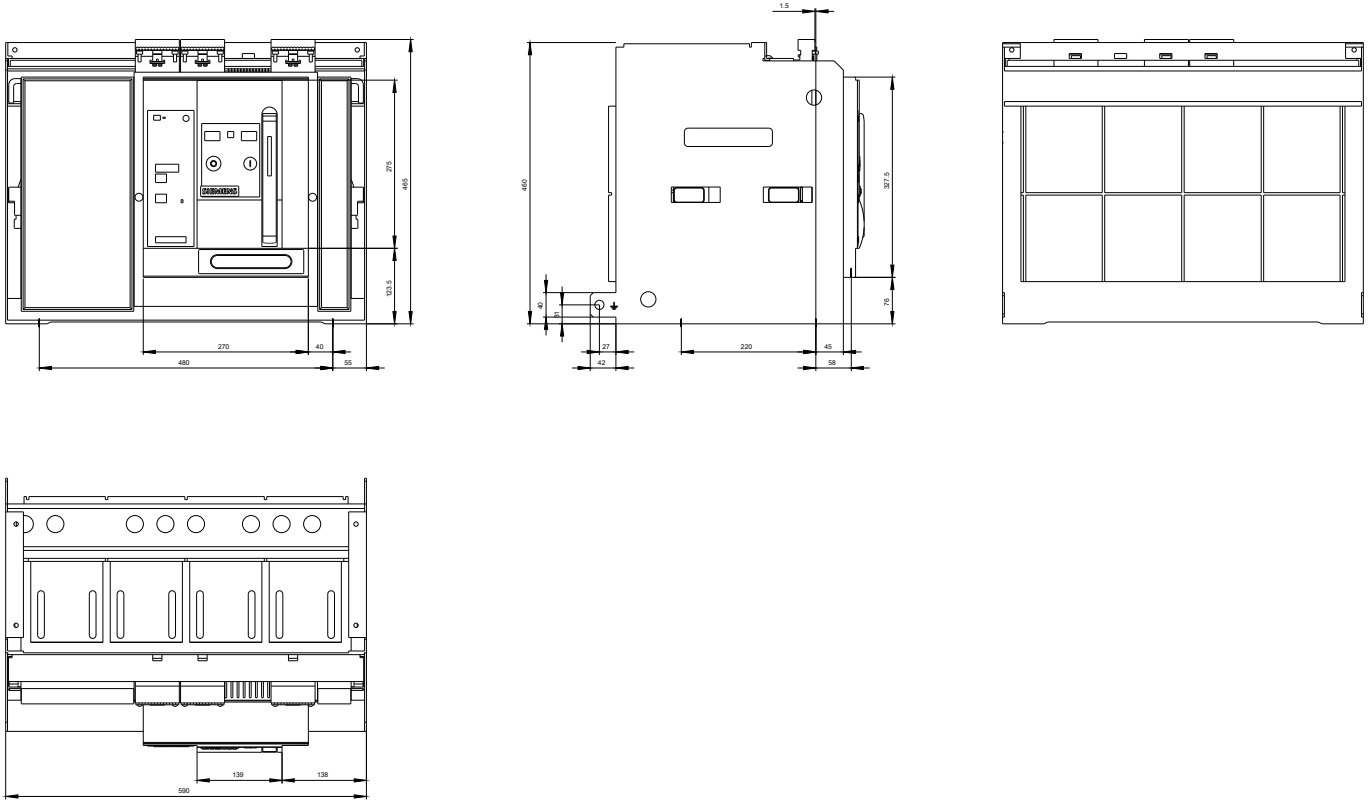
<https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-2BB45-1AA2>

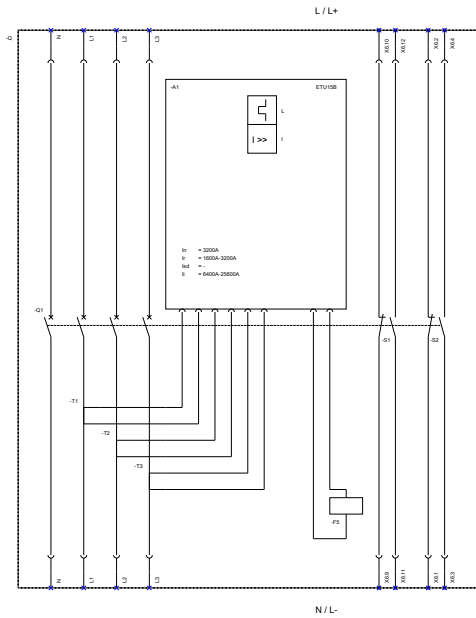
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3WL1232-2BB45-1AA2

CAX-Online-Generator

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





I - Long Time Delay / (Einfachschutz); I - Instantaneous / (Kurzschlosschutz, unverzögert); F3 (Möglichkeit für trip unit / Auslöseorgan); S1 - S8 (Auxiliary switch / Hilfschalter).

last modified:

11/25/2020