

fixed-mounted circuit breaker approved to UL489 3-pole, BG III, In=4000A AC 50/60 Hz, IEC: to 690V, 100kA at 440V ul: to 600y/ 347, 100kA at 480V rear connection vertical Overcurrent release ETU45 LSIN protection adjustable 0.4-1 in with cubicle bus Opt.: Comm. /measuring func./ground fault/ ZSS 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, UL 489 / CSA-C22.2 No. 5-02
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	ETU45B
General technical data	
number of poles	3
size of the circuit-breaker	3
utilization category	B
circuit-breaker / Design	3WL5
Voltage	
Rated insulation voltage Ui	1 000 V
insulation voltage / rated value	1 000 V
operating voltage	
• for main current circuit / at AC / at 50 Hz / according to UL 489 / maximum	600 V
• for main current circuit / at AC / at 60 Hz / according to UL 489 / maximum	600 V
Protection class	
protection class IP	IP20
• protection class IP / on the front	IP20
• protection function of the overcurrent release	LSIN
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	173.3 W
• maximum	520 W
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	2
number of NO contacts / for auxiliary contacts	2
Suitability	
suitability for use	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	1 600 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	No
• undervoltage release	No
design of the auxiliary switch	2 NO + 2 NC

product extension / optional / motor drive	Yes
Product function	
product function	
• grounding protection	No
• phase failure detection	Yes
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 kA
maximum short-circuit current breaking capacity (Icu)	
• at 415 V / rated value	100 kA
• at 480 V / according to NEMA / rated value	100 kA
• at 500 V / rated value	100 kA
• at 600 V / according to NEMA / rated value	85 kA
• at 690 V / rated value	85 kA
Connections	
arrangement of electrical connectors / for main current circuit	Main terminal on the rear vertical
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	439 mm
width	704 mm
depth	419 mm
fastening method	fixed mounting
Environmental conditions	
ambient temperature / during operation	
• minimum	-20 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	70 °C
Further information	

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL5340-4EB31-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL5340-4EB31-1AA2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL5340-4EB31-1AA2

CAX-Online-Generator

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

Tender specifications

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



