

fixed-mounted circuit breaker 3-pole, size I, IEC In=1600A to 690V, AC50/60Hz Icu=55kA 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 With 1st auxiliary release Shunt release "F", F1 50/60 Hz 230 V AC/220 V DC, 100% on-load factor 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	3
size of the circuit-breaker	1
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	50 W
• maximum	150 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	system protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	800 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	Yes
• undervoltage release	No
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	Yes
Product function	

product function			
• grounding protection • phase failure detection		No	
No			
Display and operation			
display version		without display	
Short circuit			
operating short-circuit current breaking capacity (Ics)			
• at 415 V / rated value		55 kA	
• at 500 V / rated value		55 kA	
• at 690 V / rated value		42 kA	
maximum short-circuit current breaking capacity (Icu)			
• at 415 V / rated value		55 kA	
• at 500 V / rated value		55 kA	
• at 690 V / rated value		42 kA	
Connections			
arrangement of electrical connectors / for main current circuit		Main connection rear side horizontal	
type of electrical connection / for main current circuit		busbar connection	
Mechanical Design			
height		439.5 mm	
width		320 mm	
depth		337 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	
General Product Approval		EMC	Declaration of Conformity
 CCC		Confirmation	
		 RCM	
		 EG-Konf.	
			
Test Certificates		Marine / Shipping	
Miscellaneous		Type Test Certificates/Test Report	
Special Test Certificate		 ABS	
		 BUREAU VERITAS	
		 LRS	
Marine / Shipping		other	
 RMRS		CCS / China Classification Society	
 DNV GL DNV GL CERTIFIED		Miscellaneous	
		Confirmation	
		Miscellaneous	
Dangerous Good		Environment	
Transport Information		Environmental Conformations	

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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=3WL1116-2BB32-1GA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1116-2BB32-1GA2>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1116-2BB32-1GA2

CAX-Online-Generator

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

Tender specifications

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



