

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 25 LSI protection adjustable 0.4-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 208-240 V or 220-250 V DC Activation AC 50/60 Hz 230 V, 220 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 230 V AC/220 V DC, 100% on-load factor With 2nd auxiliary release "R", F3 Undervoltage, instant. 208-240 V AC, 220-250 V DC 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/motorized operating mechanism with mechanical and electrical closing
type of the driving mechanism / motor drive	Yes
design of the overcurrent release	ETU25B
General technical data	
number of poles	3
size of the circuit-breaker	1
utilization category	B
circuit-breaker / Design	3WL1
Voltage	
Rated insulation voltage Ui	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	LSI
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	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	640 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	Yes
• undervoltage release	Yes
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No
Product function	

<b>product function</b>	
<ul style="list-style-type: none"> <li>• grounding protection</li> <li>• phase failure detection</li> </ul>	<p>No</p> <p>Yes</p>
<b>Display and operation</b>	
<b>display version</b>	without display
<b>Short circuit</b>	
<b>operating short-circuit current breaking capacity (Ics)</b>	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> <li>• at 500 V / rated value</li> <li>• at 690 V / rated value</li> </ul>	<p>55 kA</p> <p>55 kA</p> <p>42 kA</p>
<b>maximum short-circuit current breaking capacity (Icu)</b>	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> <li>• at 500 V / rated value</li> <li>• at 690 V / rated value</li> </ul>	<p>55 kA</p> <p>55 kA</p> <p>42 kA</p>
<b>Connections</b>	
arrangement of electrical connectors / for main current circuit	Main connection rear side horizontal
type of electrical connection / for main current circuit	busbar connection
<b>Mechanical Design</b>	
<b>height</b>	439.5 mm
<b>width</b>	320 mm
<b>depth</b>	337 mm
<b>fastening method</b>	fixed mounting
<b>Environmental conditions</b>	
<b>ambient temperature / during operation</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-20 °C</p> <p>70 °C</p>
<b>ambient temperature / during storage</b>	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<p>-40 °C</p> <p>70 °C</p>
<b>Further information</b>	
<p><b>Information on the packaging</b>  <a href="https://support.industry.siemens.com/cs/ww/en/view/109813875">https://support.industry.siemens.com/cs/ww/en/view/109813875</a></p> <p><b>Industry Mall (Online ordering system)</b>  <a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1116-2CB32-4GN2">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1116-2CB32-4GN2</a></p> <p><b>Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)</b>  <a href="https://support.industry.siemens.com/cs/ww/en/ps/3WL1116-2CB32-4GN2">https://support.industry.siemens.com/cs/ww/en/ps/3WL1116-2CB32-4GN2</a></p> <p><b>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)</b>  <a href="http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1116-2CB32-4GN2">http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1116-2CB32-4GN2</a></p> <p><b>CAX-Online-Generator</b>  <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a></p> <p><b>Tender specifications</b>  <a href="http://www.siemens.com/specifications">http://www.siemens.com/specifications</a></p>	





