

fixed-mounted circuit breaker 3-pole, size II, IEC In=3200A to 690V, AC50/60Hz Icu=80kA at 500V rear connection horizontal Overcurrent release ETU 25 LSI protection adjustable 0.4-1 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 auxiliary switch	2 NO + 2 NC
Design of the product	IEC 60947-2
Design of the operating mechanism	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	ETU25B
<b>General technical data</b>	
Number of poles	3
Size of the circuit-breaker	2
Usage category	B
circuit-breaker / Design	3WL1232
<b>Voltage</b>	
Rated insulation voltage Ui	1 000 V
<b>Protection class</b>	
Protection class IP	IP20
Protection class IP / on the front	IP20
Protective function of the overcurrent release	LSI
<b>Dissipation</b>	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	136.7 W
<b>Electricity</b>	
Operating current / at 45 °C / rated value	3 200 A
Continuous current / rated value	3 200 A
Adjustable pick-up value current	
• of the current-dependent overload release / Full-scale value	3 200 A
• of instantaneous short-circuit trip unit / initial value	50 000 A
• of instantaneous short-circuit trip unit / Full-scale value	50 000 A
<b>Main circuit</b>	
Operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Operating voltage	
• at AC / at 50/60 Hz / rated value	690 V
Operating 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
<b>Auxiliary circuit</b>	

Number of NC contacts / for auxiliary contacts	2
Number of NO contacts / for auxiliary contacts	2
<b>Suitability</b>	
Suitability for use	Plant / motor protection
<b>Adjustable parameters</b>	
Adjustable pick-up value current	
<ul style="list-style-type: none"> <li>• of the short-time delayed short-circuit release / initial value</li> </ul>	4 000 A
<ul style="list-style-type: none"> <li>• of the short-time delayed short-circuit release / Full-scale value</li> </ul>	38 400 A
Adjustable pick-up value current / of the current-dependent overload release / initial value	1 280 A
<b>Product details</b>	
Product component	
<ul style="list-style-type: none"> <li>• Trip indicator</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Voltage trigger</li> </ul>	No
<ul style="list-style-type: none"> <li>• undervoltage release</li> </ul>	No
Product extension / optional / motor drive	Yes
<b>Product function</b>	
Product function	
<ul style="list-style-type: none"> <li>• Ground fault protection</li> </ul>	No
<ul style="list-style-type: none"> <li>• Phase failure detection</li> </ul>	Yes
<b>Display and operation</b>	
Display version	without display
<b>Short circuit</b>	
Operational short-circuit current breaking capacity (Ics)	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> </ul>	80 kA
<ul style="list-style-type: none"> <li>• at 500 V / rated value</li> </ul>	80 kA
<ul style="list-style-type: none"> <li>• at 690 V / rated value</li> </ul>	75 kA
Maximum short-circuit current breaking capacity (Icu)	
<ul style="list-style-type: none"> <li>• at 415 V / rated value</li> </ul>	80 kA
<ul style="list-style-type: none"> <li>• at 500 V / rated value</li> </ul>	80 kA
<ul style="list-style-type: none"> <li>• at 690 V / rated value</li> </ul>	75 kA
<b>Connections</b>	
Type of electrical connection / for main current circuit	busbar connection
<b>Mechanical Design</b>	
Height	440.5 mm
Width	460 mm
Depth	337 mm





Mounting type fixed mounting

### Environmental conditions

Ambient temperature  
-20 ... +70 °C  
-40 ... +70 °C

### Certificates

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

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

[Special Test Certificate](#)

[Miscellaneous](#)

### Shipping Approval

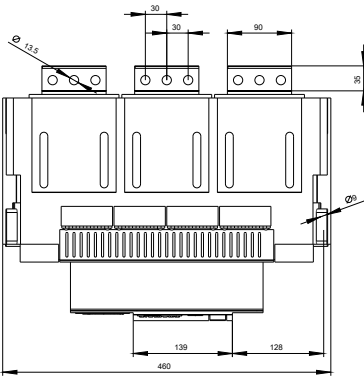
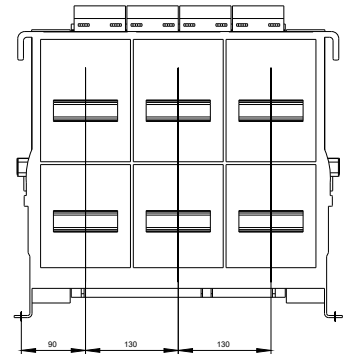
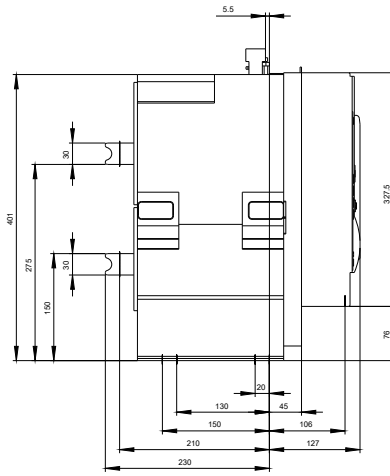
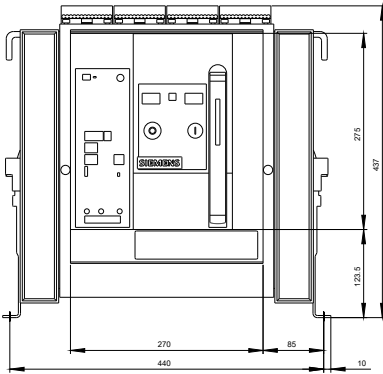
Shipping Approval	other
 BUREAU VERITAS	 LRS
 PRS	 RMRS
	<a href="#">Environmental Conformations</a>
	<a href="#">Manufacturer Declaration</a>

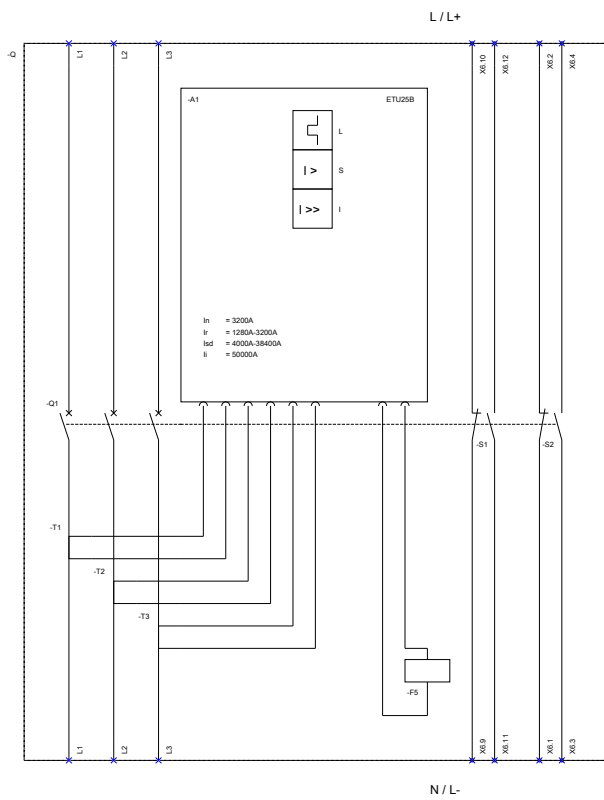
### other

[Miscellaneous](#)

### Further information

- Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-3CB32-1AA2>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-3CB32-1AA2>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1232-3CB32-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-3CB32-1AA2)
- CAX-Online-Generator**  
<http://www.siemens.com/cax>
- Tender specifications**  
<http://www.siemens.com/specifications>





L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlusschutz, kurzzeitverzögert);  
 I (Instantaneous / Kurzschlusschutz, unverzögert); F5 (Maglatch for trip unit / Auslösemagnet);  
 S1 - S8 (Auxiliary switch / Hilfsschalter);

**last modified:**

06/29/2019