









fixed-mounted circuit breaker 3-pole, size I, IEC In=1000A to 690V, AC50/60Hz Icu=55kA 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 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	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	33.3 W
• maximum	100 W
Current	
operational current	
• at 40 °C / rated value	1 000 A
• at 45 °C / rated value	1 000 A
• at 50 °C / rated value	1 000 A
• at 55 °C / rated value	1 000 A
• at 60 °C / rated value	1 000 A
• at 65 °C / rated value	1 000 A
• at 70 °C / rated value	1 000 A
continuous current / rated value / maximum	1 000 A
continuous current / rated value	1 000 A
adjustable current response value current	
• of the current-dependent overload release / full-scale value	1 000 A
• of instantaneous short-circuit trip unit / minimum	20 000 A
• of instantaneous short-circuit trip unit / maximum	20 000 A
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	400 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						
breaking capacity operating short-circuit current (Ics)						
• at 415 V / rated value	55 kA					
• at 500 V / rated value	55 kA					
• at 690 V / rated value	42 kA					
breaking capacity maximum short-circuit current (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			
					<a href="#">Confirmation</a>	<a href="#">UK Declaration of Conformity</a>
						
Test Certificates		Marine / Shipping				

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



**Marine / Shipping**

**other**



[CCS / China Classification Society](#)



[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

**other**

**Dangerous Good**

[Miscellaneous](#)

[Transport Information](#)

**Further information**

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1110-2CB32-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1110-2CB32-1AA2>

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

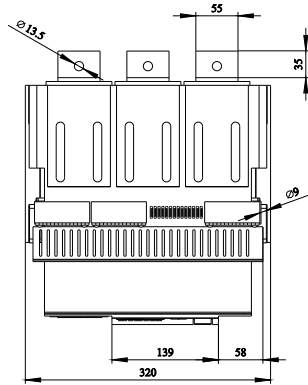
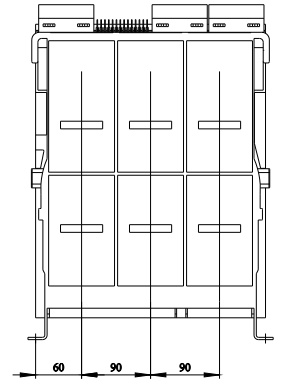
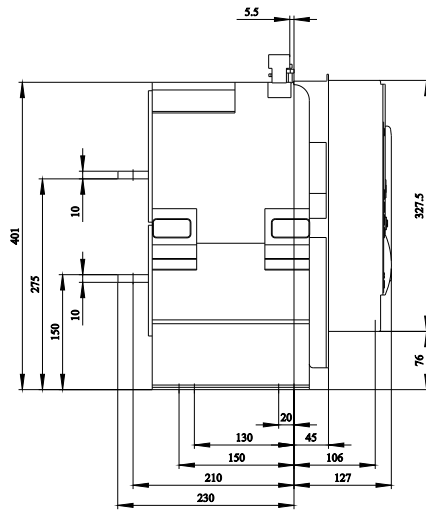
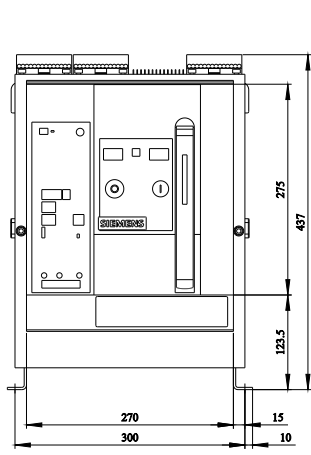
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1110-2CB32-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1110-2CB32-1AA2)

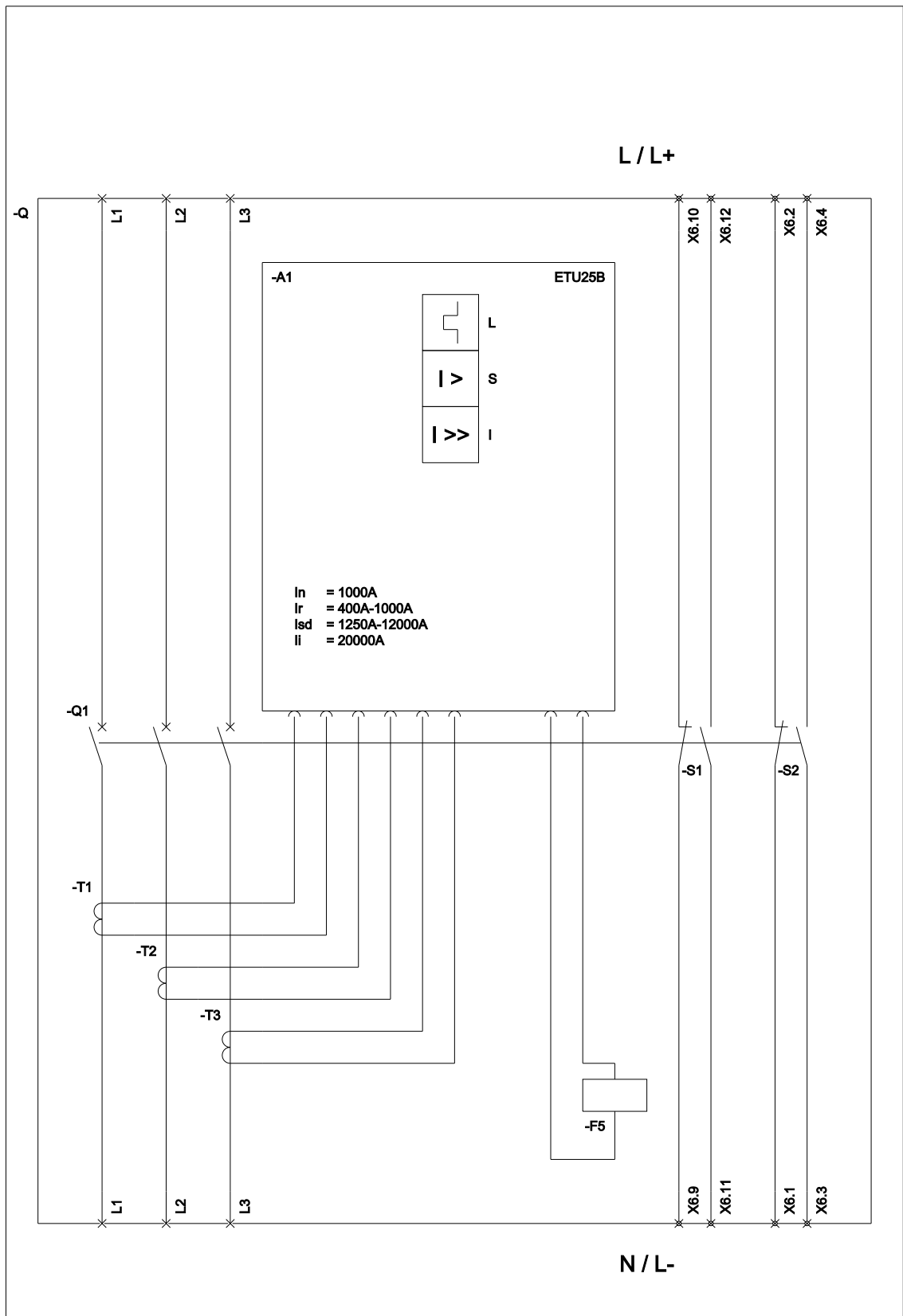
**CAX-Online-Generator**

<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 / Hilfschalter);



last modified:

3/25/2020 