

fixed-mounted circuit breaker 3-pole, size III, IEC In=5000A to 690V, AC50/60Hz  
Icu=100kA 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	3
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	210 W
• maximum	630 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
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
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## Short circuit

operating short-circuit current breaking capacity (Ics)	
<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>	100 kA 100 kA 85 kA
maximum short-circuit current breaking capacity (Icu)	
<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>	100 kA 100 kA 85 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 mm
width	704 mm
depth	337 mm
fastening method	fixed mounting

## Environmental conditions

ambient temperature / during operation	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	-20 °C 70 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>	-40 °C 70 °C

## General Product Approval

EMC Declaration of Conformity

[Confirmation](#)



## Test Certificates

Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[Miscellaneous](#)



## Marine / Shipping

other



[CCS / China Classification Society](#)



[Confirmation](#)

[Miscellaneous](#)

[Miscellaneous](#)

## Dangerous Good

Environment

[Transport Information](#)

[Environmental Confirmations](#)

## 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?mifb=3WL1350-4CB32-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1350-4CB32-1AA2>

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

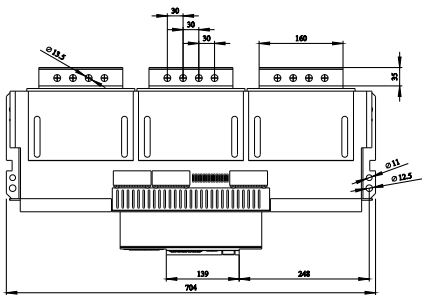
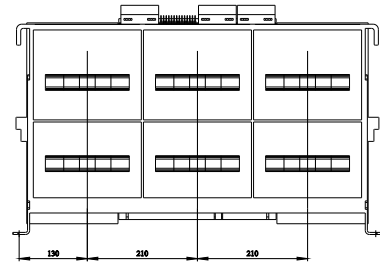
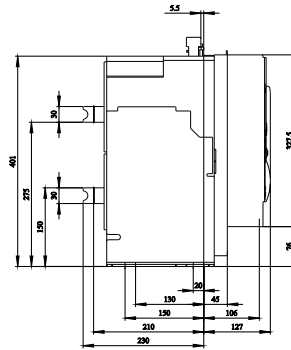
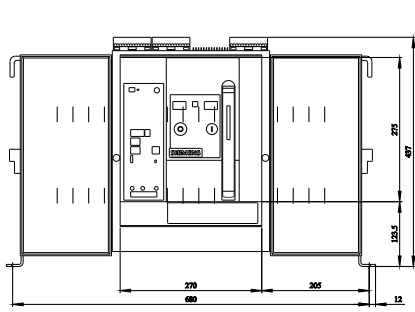
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=3WL1350-4CB32-1AA2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3WL1350-4CB32-1AA2)

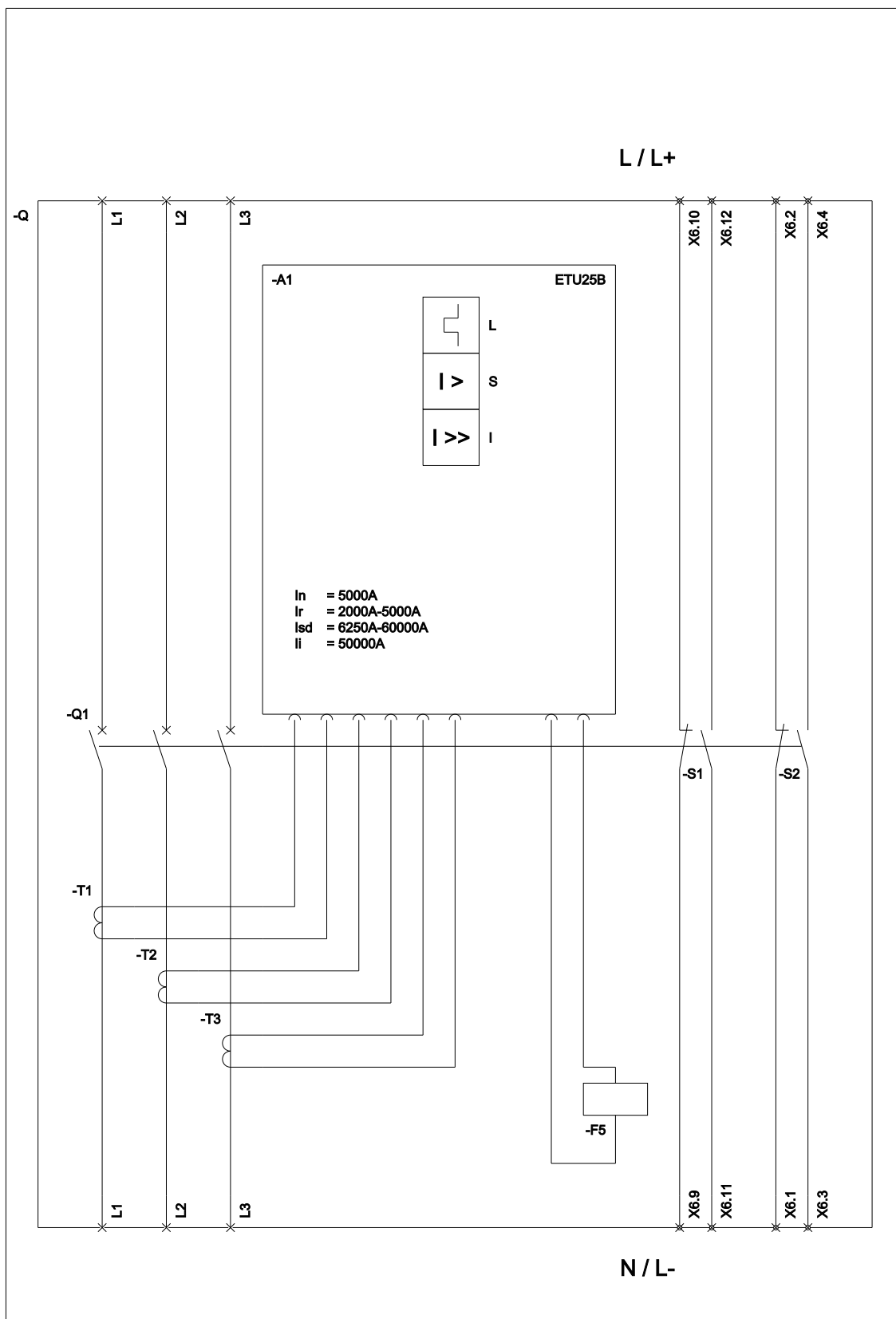
CAX-Online-Generator

<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);



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last modified:

4/4/2020 