

fixed-mounted circuit breaker 3-pole, size I, IEC In=1000A to 690V, AC50/60Hz
Icu=55kA at 500V frnt.conn. top/bot. dual-hole Overcurrent release ETU 15 LI
protection adjustable 0.5-1 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 without 1st auxiliary release With 2nd auxiliary release "R", F3
Undervoltage, instant. 208-240 V AC, 220-250 V DC 2NO+2NC

Model	
product brand name	SETRON
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	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 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	LI
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	33.3 W
• maximum	100 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	500 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	No
• undervoltage release	Yes
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No
Product function	

product function			
● grounding protection		No	
● phase failure detection		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 top front/bottom double hole	
type of electrical connection / for main current circuit		busbar connection	
Mechanical Design			
height		541 mm	
width		320 mm	
depth		369 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	Declaration of Conformity	Marine / Shipping	other



[Confirmation](#)

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=3WL1110-2BB34-4AN2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1110-2BB34-4AN2>

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

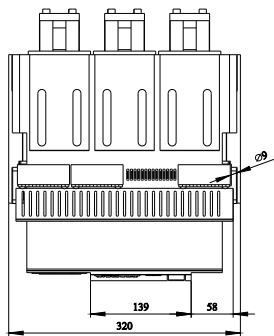
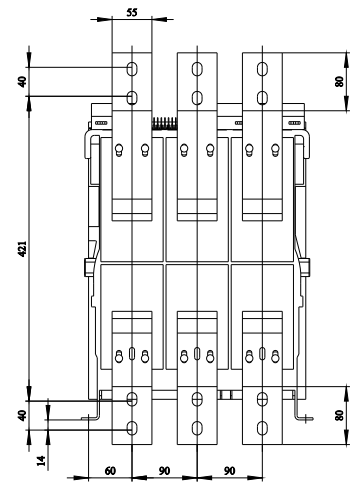
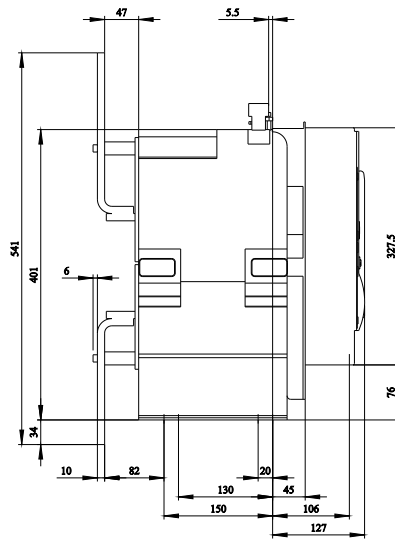
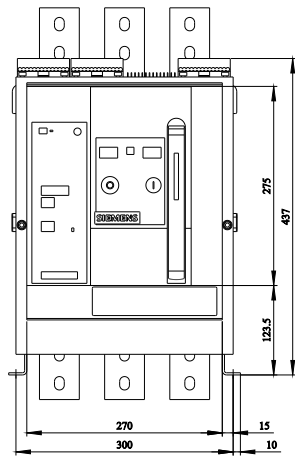
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1110-2BB34-4AN2

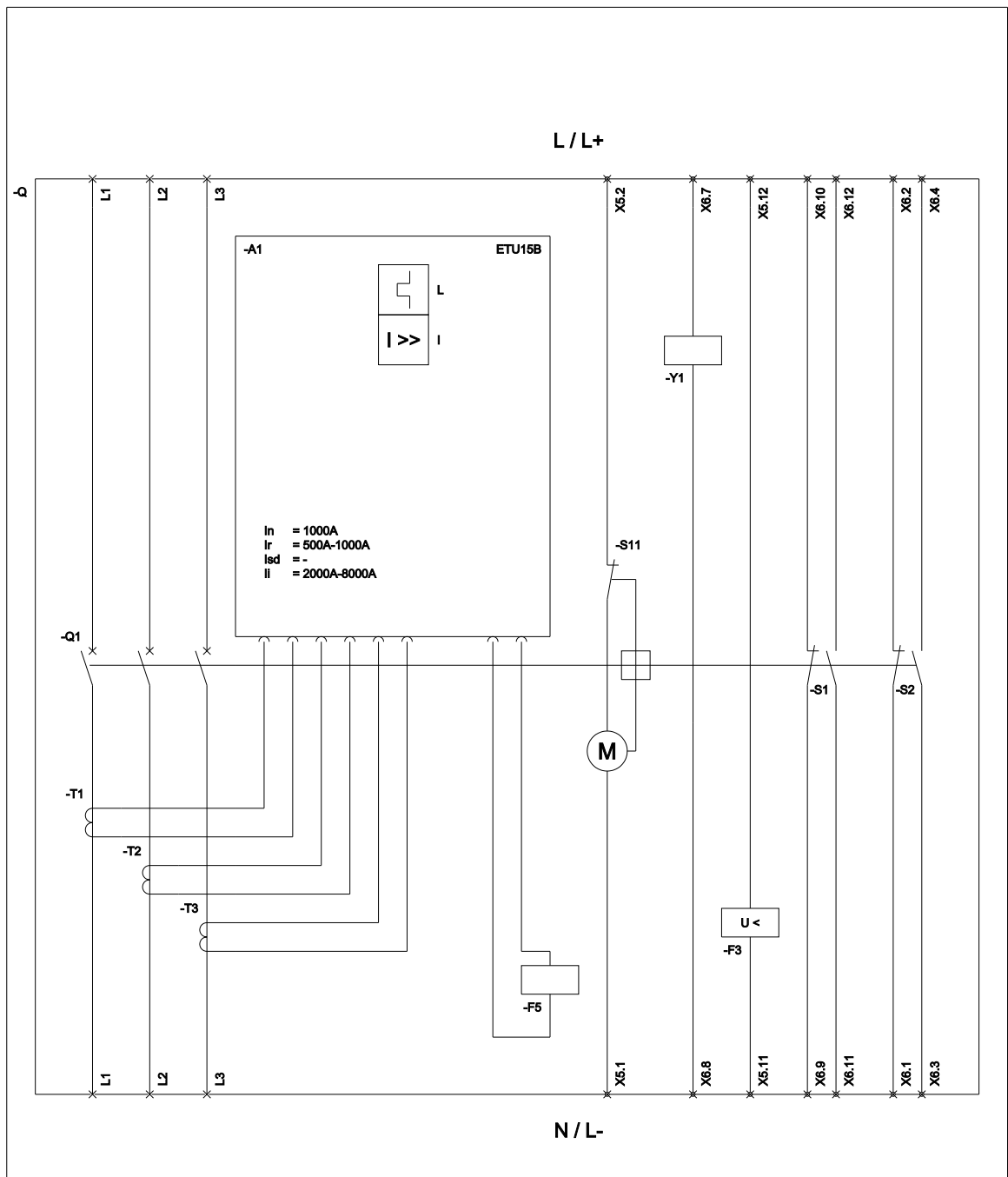
CAX-Online-Generator

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

Tender specifications

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





L (Long Time Delay / Überlastschutz); I (Instantaneous / Kurzschlusschutz, unverzögert);
 S11 (Internal motor shutdown switch, if spring is tensioned / Interner Motorschalterschalter, wenn Feder gespannt); F3 (Undervoltage release / Unterspannungsauslöser);
 F5 (Maglatch for trip unit / Anlösemagnet); S1 - S8 (Auxiliary switch / Hilfschalter); Y1 (Closing coil / Einschaltmagnet);

last modified:

4/4/2020

