

withdrawable circuit breaker with guide frame 3-pole, size II, IEC In=3200A to 690V, AC50/60Hz Icu=66kA at 500V rear connection horizontal Overcurrent release ETU45 LSIN protection adjustable 0.4-1 in with display and cubicle bus Opt.: Comm. /measuring func./ground fault/ ZSS 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	ETU45B
General technical data	
number of poles	3
size of the circuit-breaker	2
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	LSIN
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	236.7 W
• maximum	710 W
Current	
operational current	
• at 40 °C / rated value	3 200 A
• at 45 °C / rated value	3 200 A
• at 50 °C / rated value	3 200 A
• at 55 °C / rated value	3 200 A
continuous current / rated value / maximum	3 200 A
continuous current / rated value	3 200 A
adjustable current response value current	
• of the current-dependent overload release / full-scale value	3 200 A
• of instantaneous short-circuit trip unit / minimum	4 800 A
• of instantaneous short-circuit trip unit / maximum	38 400 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 L-trip / with I4t characteristic / initial value • of the L-trip / with I4t characteristic / full-scale value		1 280 A 3 200 A		
adjustable current response value current / of the current-dependent overload release / initial value		1 250 A		
Product details				
product component • trip indicator • voltage trigger • undervoltage release		Yes No No		
design of the auxiliary switch		2 NO + 2 NC		
product extension / optional / motor drive		Yes		
Product function				
product function • grounding protection • phase failure detection		No Yes		
Display and operation				
display version		WITH 4-LINE DISPLAY		
Short circuit				
breaking capacity operating short-circuit current (Ics) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value		66 kA 66 kA 50 kA		
breaking capacity maximum short-circuit current (Icu) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value		66 kA 66 kA 50 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		465.5 mm		
width		460 mm		
depth		456 mm		
fastening method		drawer unit		
Environmental conditions				
ambient temperature / during operation • minimum • maximum		-20 °C 55 °C		
ambient temperature / during storage • minimum • maximum		-40 °C 70 °C		
General Product Approval		EMC	Declaration of Conformity	Test Certificates



[UK Declaration of Conformity](#)



[Type Test Certificates/Test Report](#)

Test Certificates

Marine / Shipping

[Miscellaneous](#)

[Special Test Certificate](#)



Marine / Shipping

other

Dangerous Good

[CCS / China Classification Society](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

[Confirmation](#)

[Miscellaneous](#)

[Transport Information](#)

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-2FB36-1AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-2FB36-1AA2>

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

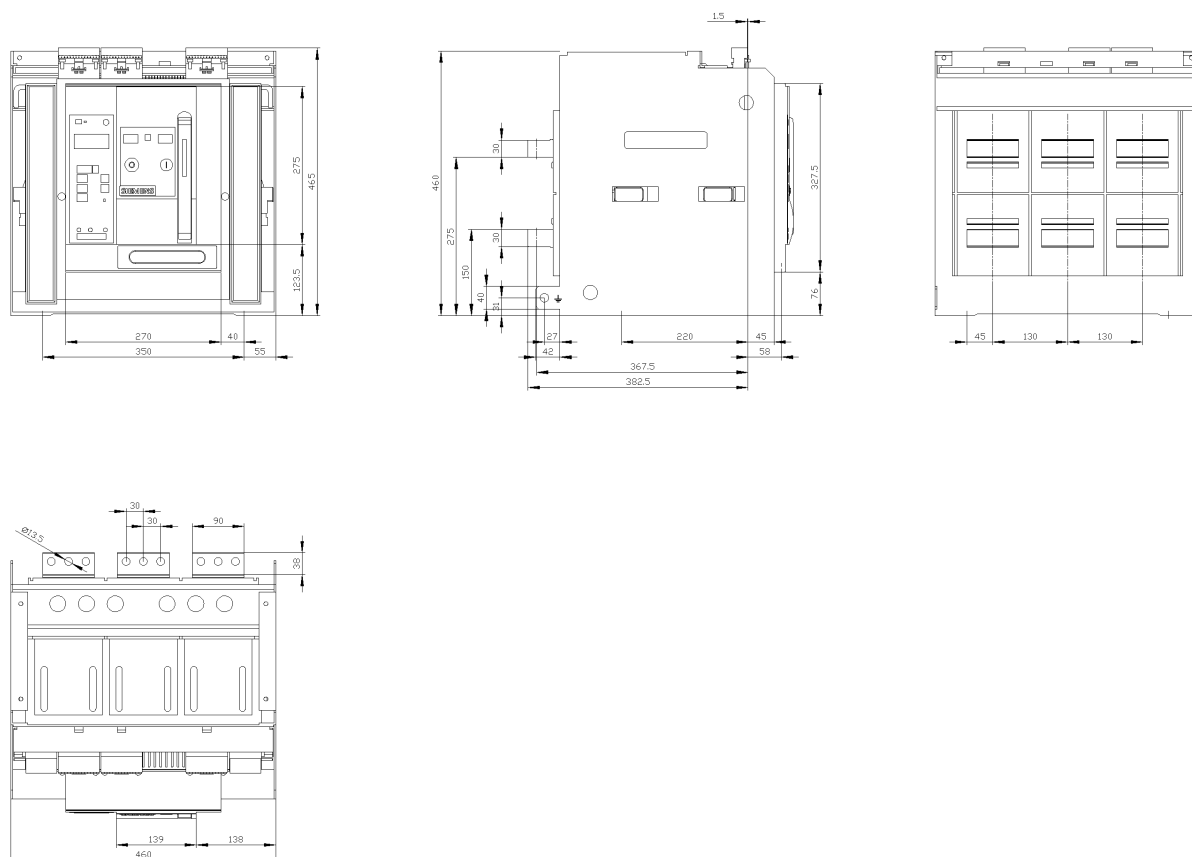
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-2FB36-1AA2

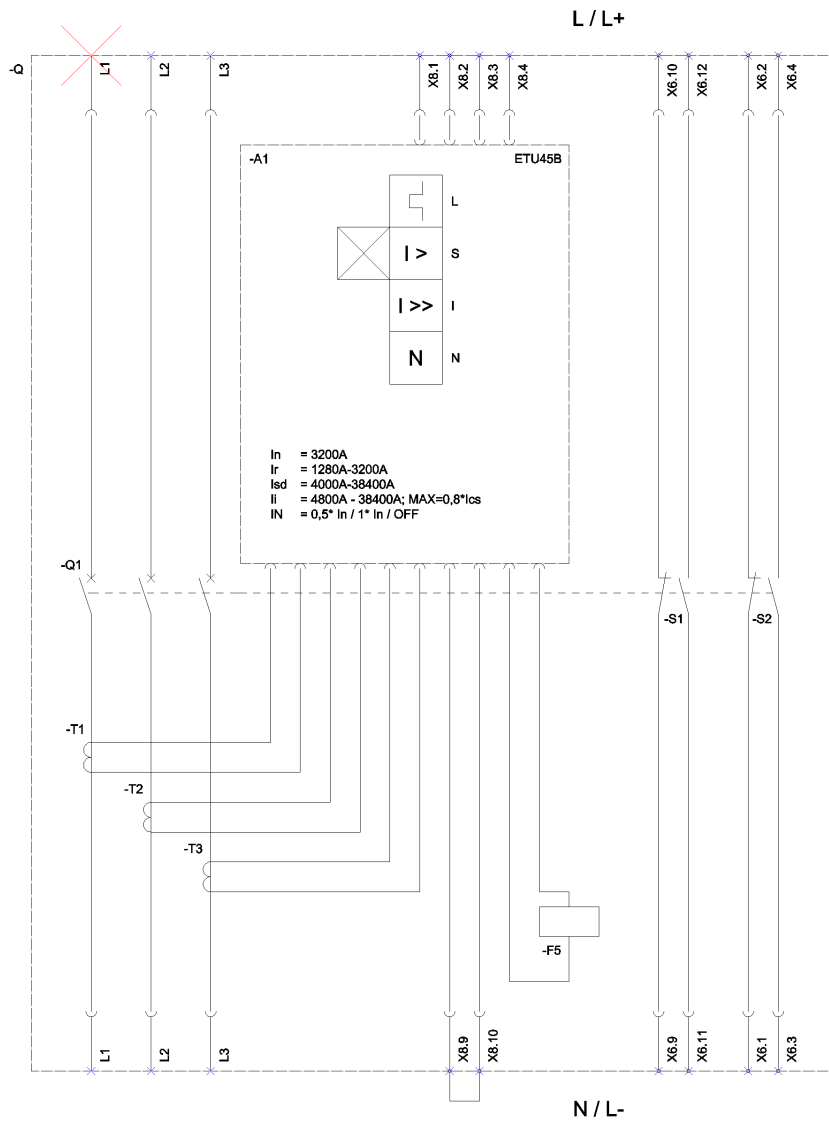
CAX-Online-Generator

<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); N (Neutral Protection / Neutraleiterschutz); F5 (Magnet for trip unit / Auslösemagnet);
 S1 - S8 (Auxiliary switch / Hilfsschalter);

last modified:

3/8/2020 

