

Draw-out circuit breaker Without guide frame 3-pole, Size 3, IEC In=5000 A up to 690 V, 50/60 Hz AC Icu=100 kA at 500 V Rear horizontal connection Overcurrent release ETU 27 LSING protection adjustable 0.4-1 in Ground fault/N protection integrated 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	ETU27B
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	LSING
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	350 W
• maximum	1 050 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	Yes
• phase failure detection	Yes

Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value	100 kA 100 kA 85 kA
maximum short-circuit current breaking capacity (Icu) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value	100 kA 100 kA 85 kA
Connections	
arrangement of electrical connectors / for main current circuit	without guide frame
type of electrical connection / for main current circuit	Blade contacts
Mechanical Design	
height	410 mm
width	694 mm
depth	337 mm
fastening method	drawer unit
Environmental conditions	
ambient temperature / during operation • minimum • maximum	-40 °C 70 °C
ambient temperature / during storage • minimum • maximum	-40 °C 80 °C
General Product Approval	
Confirmation     	
Test Certificates	
Miscellaneous Type Test Certificates/Test Report Special Test Certificate	  
Marine / Shipping	
 CCS / China Classification Society 	Miscellaneous Confirmation 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?mlfb=3WL1350-4DG65-1AA2 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1350-4DG65-1AA2	

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1350-4DG65-1AA2

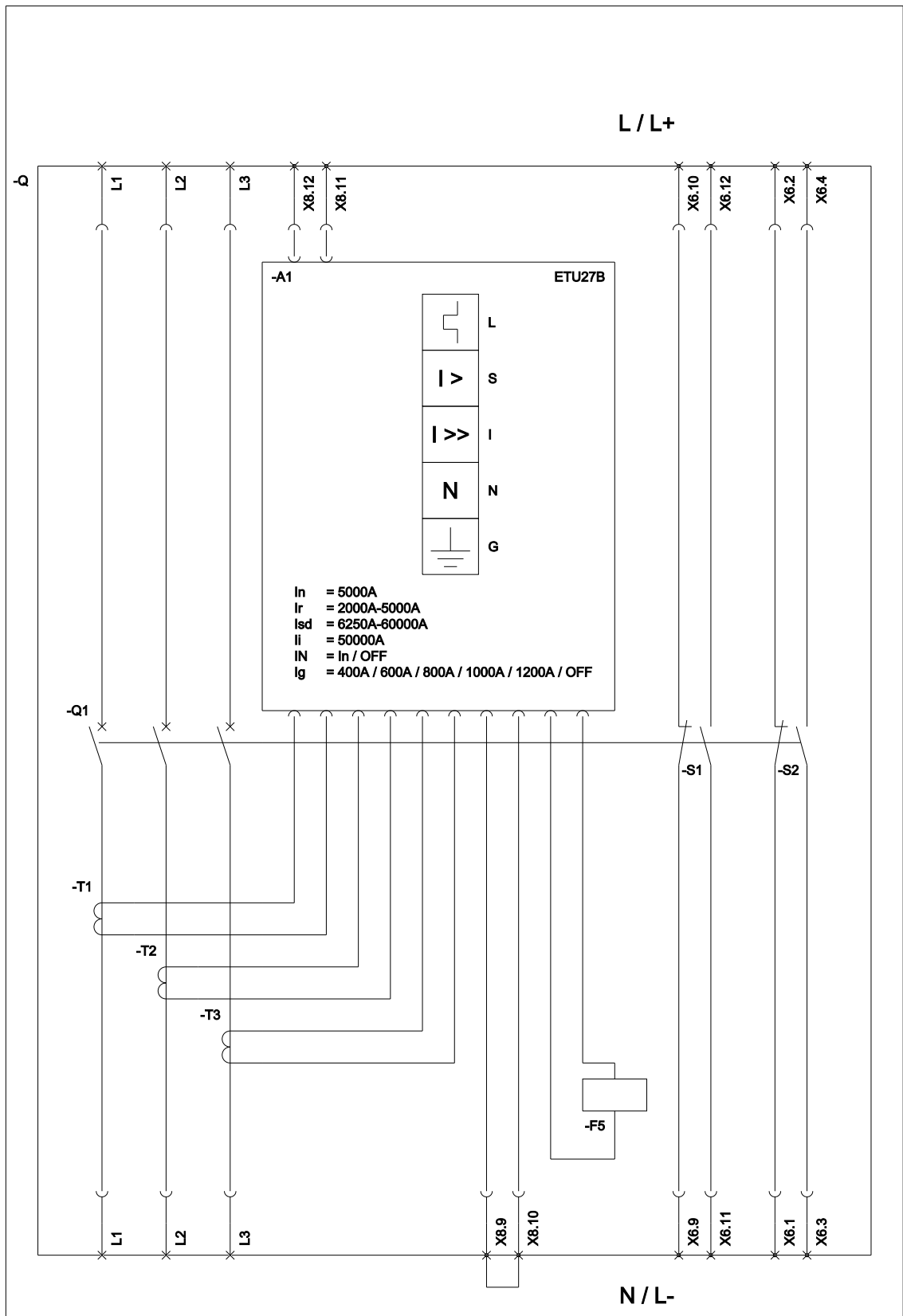
CAX-Online-Generator

<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 / Neutralleiterschutz);
 G (Ground Fault Protection / Erdschlussschutz); F5 (Magnet for trip unit / Auslösemagnet); S1 - S8 (Auxiliary switch / Hilfsschalter);

