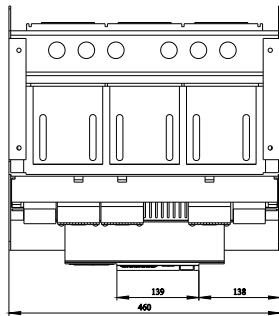
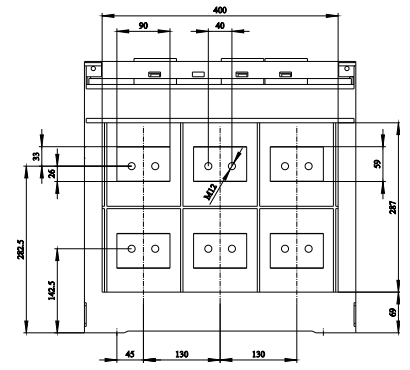
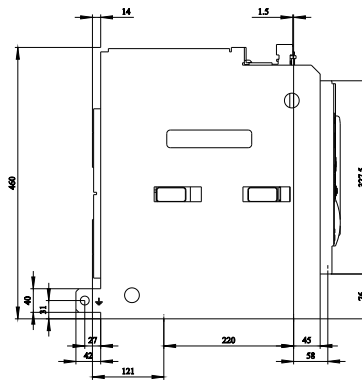
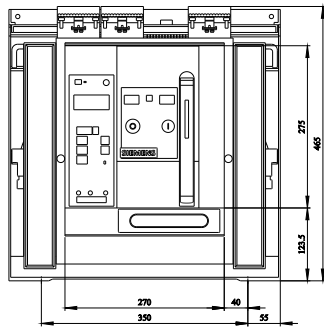
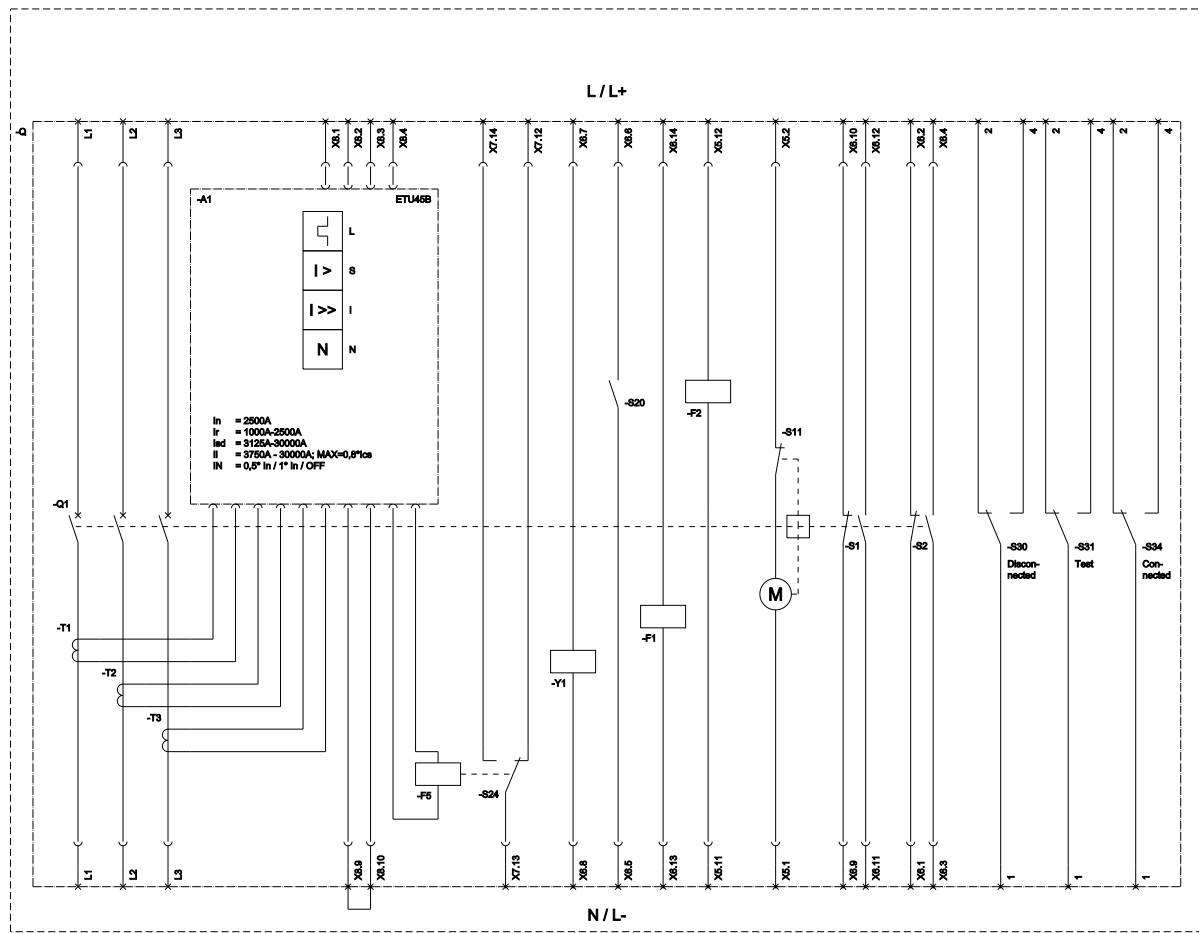


Draw-out circuit breaker with slide-in module frame 3-pole, Size 2, IEC In=2500 A to 690 V, 50/60 Hz AC Icu=66 kA at 500 V with connecting flange Overcurrent release ETU 45 LSIN protection adjustable 0.4-1 in with cubicle bus Opt.: Comm. /measuring func./ground fault/ ZSS With manual operating mechanism with storage with mechanical request without 1st auxiliary release without 2nd auxiliary release 2NO+2NC B25= Rated current reference module 2500 A for ETU25, 27, 45, 55, 75, 76 for setting rated current in C22= Ready indicator K07= Tripped signaling contact, 1 CO not possible with option F02 M05= Motor drive, Drive motor AC 50/60 Hz 110-127 V AC or 110-125 V DC M35= Switch-on solenoid, overexcited 110-127 V AC/110-125 V DC M45= Opening solenoid, overexcited 110-127 V AC/110-125 V DC 5% on-load factor, not for continuous operation R15= Position signaling switch, withdrawable part 3 changeover contacts R21= Shutter 2-part can be locked with padlock T40= Door sealing frame

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	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	IP41
• 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	173.3 W
• maximum	520 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
Adjustable parameters	
adjustable current response value current / of the short-time delayed short-circuit release	
• initial value	3 125 A
• full-scale value	30 000 A
adjustable current response value current / of the L-trip / with I4t characteristic	

• initial value	1 000 A
• full-scale value	2 500 A
adjustable current response value current / of the current-dependent overload release / initial value	1 000 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	Yes
• undervoltage release	No
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	Yes
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
• at 415 V / rated value	66 kA
• at 500 V / rated value	66 kA
• at 690 V / rated value	50 kA
maximum short-circuit current breaking capacity (Icu)	
• at 415 V / rated value	66 kA
• at 500 V / rated value	66 kA
• at 690 V / rated value	50 kA
Connections	
arrangement of electrical connectors / for main current circuit	Rear connection flange
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	465.5 mm
width	460 mm
depth	429.5 mm
fastening method	drawer unit
Environmental conditions	
ambient temperature / during operation	
• minimum	-40 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C
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=3WL1225-2EB68-1AA2-Z B25+C22+K07+M05+M35+M45+R15+R21+T40	
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1225-2EB68-1AA2-Z B25+C22+K07+M05+M35+M45+R15+R21+T40	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1225-2EB68-1AA2-Z B25+C22+K07+M05+M35+M45+R15+R21+T40	
CAX-Online-Generator http://www.siemens.com/cax	
Tender specifications http://www.siemens.com/specifications	





L (Long Time Delay / Überwachungszeit), S (Short Time Delay / Kurzschlusszeit, kurzzeitige), I (Instantaneous / Kurzschlusszeit, unverzüglich), N (Normal Protection / Normalüberwachung);
 S11 (Manual reset disconnector switch, if cycling is required / Manuelle Motorschutzschalter, wenn Poler notwendig), F1 (1st auxiliary release / Erste Hilfskontakt), F2 (2nd auxiliary release / Zweite Hilfskontakt), F5 (Adjustable for trip unit / Auslösevermögen);
 S1 - S8 (Auxiliary switch / Hilfskontakt), S20 (Ready to close signalling switch / Abschaltverbotsschaltkontakt), S24 (1st trip signalling switch K07 (Reset position) / Erste Auslösekontakt K07 (Reset Position));
 Y1 (Closing coil / Einschaltmagnet);

last modified:

3/7/2025

