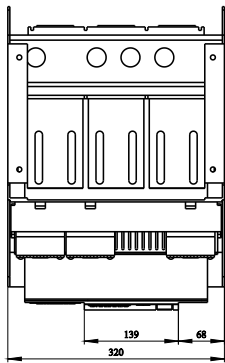
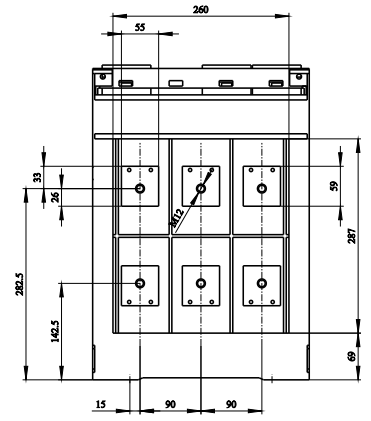
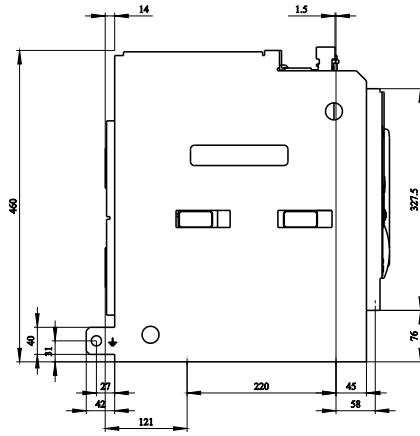
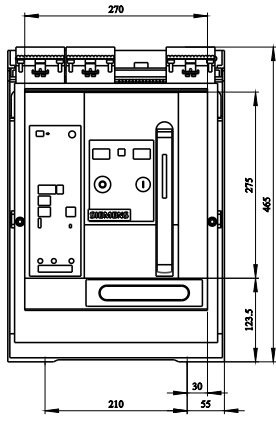
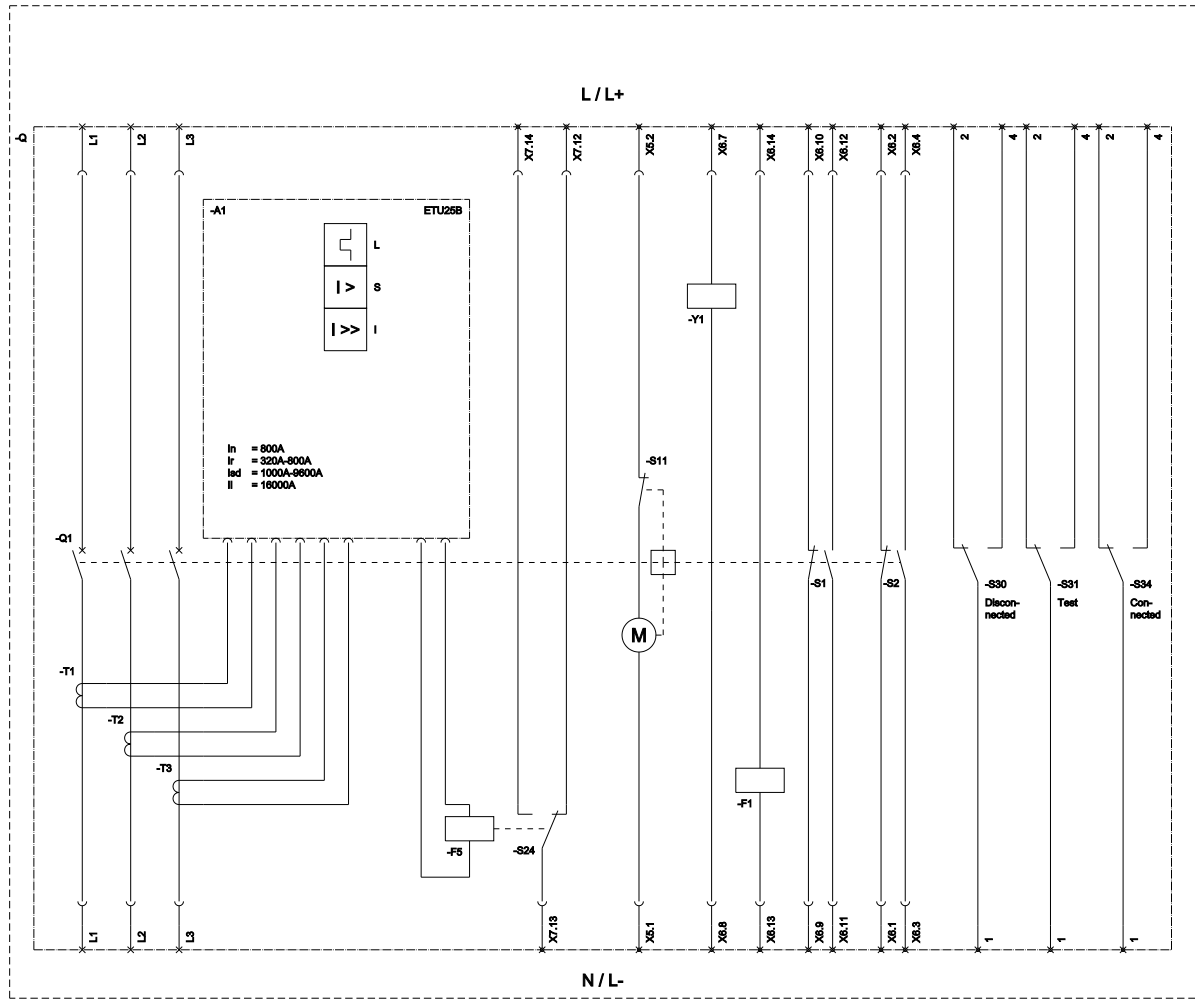


withdrawable circuit breaker with guide frame 3-pole, size I, IEC In=800A to 690V, AC50/60Hz Icu=55kA at 500V w. connection flange Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 110-127 V AC or 110-125 V DC Activation 50/60 Hz 110 V AC, 110 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 110 V AC/110 V DC, 100% on-load factor without 2nd auxiliary release 2NO+2NC K07= Tripped signaling contact, 1 CO not possible with option F02 R15= Position signaling switch, withdrawable part 3 changeover contacts T40= Door sealing frame

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/motorized operating mechanism with mechanical and electrical closing
type of the driving mechanism / motor drive	Yes
design of the overcurrent release	ETU25B
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 function of the overcurrent release	LSI
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	65 W
• maximum	195 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 current-dependent overload release / initial value	320 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	
<ul style="list-style-type: none"> • grounding protection • phase failure detection 	<p>No</p> <p>Yes</p>
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
<ul style="list-style-type: none"> • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value 	<p>55 kA</p> <p>55 kA</p> <p>42 kA</p>
maximum short-circuit current breaking capacity (Icu)	
<ul style="list-style-type: none"> • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value 	<p>55 kA</p> <p>55 kA</p> <p>42 kA</p>
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	460 mm
width	320 mm
depth	429.5 mm
fastening method	drawer unit
Net Weight	70 kg
Environmental conditions	
ambient temperature / during operation	
<ul style="list-style-type: none"> • minimum • maximum 	<p>-20 °C</p> <p>70 °C</p>
ambient temperature / during storage	
<ul style="list-style-type: none"> • minimum • maximum 	<p>-40 °C</p> <p>70 °C</p>
Further information	
<p>Information on the packaging https://support.industry.siemens.com/cs/ww/en/view/109813875</p> <p>Information for data generation and storage https://support.industry.siemens.com/cs/ww/en/view/109995012</p> <p>Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1108-2CB38-5FA2-Z K07+R15+T40</p> <p>Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1108-2CB38-5FA2-Z K07+R15+T40</p> <p>Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1108-2CB38-5FA2-Z K07+R15+T40</p> <p>CAX-Online-Generator http://www.siemens.com/cax</p> <p>Tender specifications http://www.siemens.com/specifications</p>	





L (Long Time Delay / Überlastschutz); S (Short Time Delay / Kurzschlusschutz, kurzzeitverzögerter); I (Instantaneous / Kurzschlusschutz, unverzögerter);
 S11 (Internal motor shutdown switch, if spring is installed / Interner Motorschaltkontakt, wenn Feder gespannt); F1 (1st auxiliary release / Erste Hilfskontakt); F5 (Magnetisch für trip unit / Auslösemagnet);
 S1 - S8 (Auxiliary switch / Hilfskontakt); S24 (1st stop signalling switch X07 (Rest position) / Erster Anpflanzkontakt X07 (Rest Position)); Y1 (Closing coil / Einschaltmagnet);

last modified:

3/11/2020

