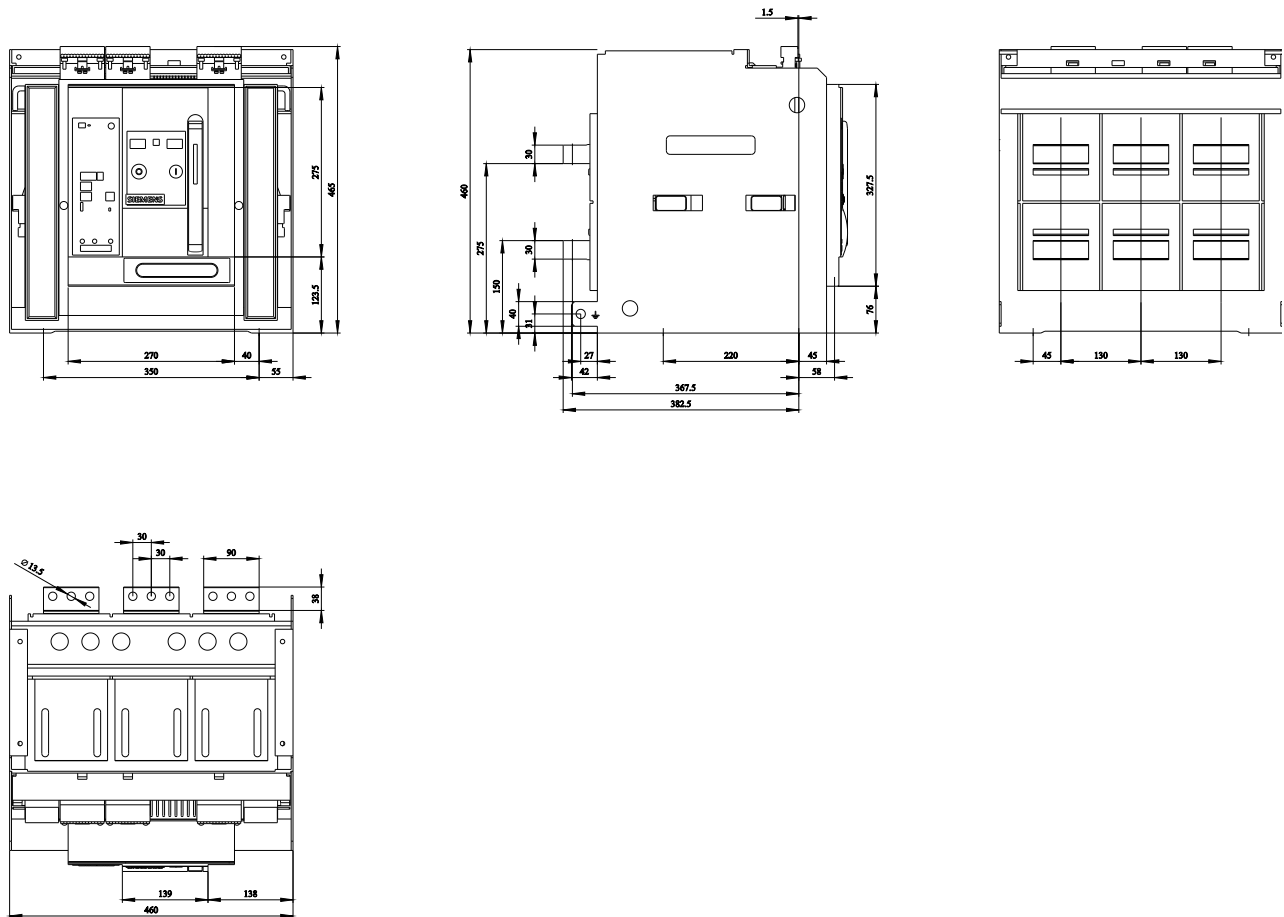
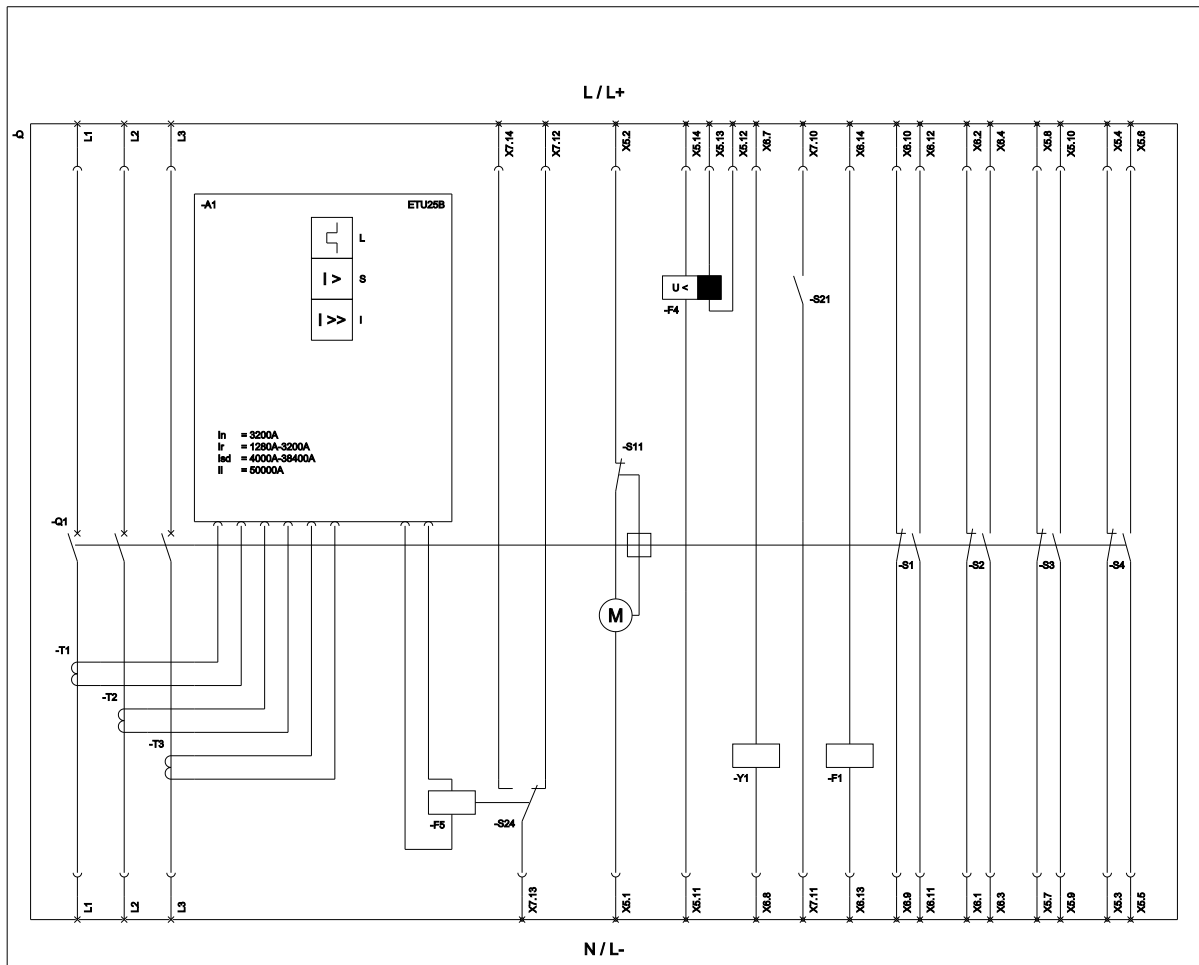


withdrawable circuit breaker with guide frame 3-pole, size II, IEC In=3200A to 690V, AC50/60Hz Icu=80kA at 500V rear connection horizontal Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 208-240 V or 220-250 V DC Activation AC 50/60 Hz 230 V, 220 V DC With 1st auxiliary release Shunt release "F", F1 50/60 Hz 230 V AC/220 V DC, 100% on-load factor With 2nd auxiliary release "RC", F4 Undervoltage, Delay 0.2-3.2s 208-240 V AC, 220-250 V DC, 100% ED 4NO+4NC C20= Spring charge status indicator not possible with option F02 K07= Tripped signaling contact, 1 CO not possible with option F02 R21= Shutter 2-part can be locked with padlock R30= Locking device against opening of the control cabinet door S07= Castell/Fortress in Off position with 4 padlock (Safe Off/disconnector function) Disconnector condition in compliance with IEC 60947-2 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	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 function of the overcurrent release	LSI
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
• at 60 °C / rated value	3 020 A
• at 65 °C / rated value	3 020 A
• at 70 °C / rated value	2 870 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 • of instantaneous short-circuit trip unit / maximum	50 000 A 50 000 A
Main circuit	
operating frequency	
• 1 / rated value • 2 / rated value	50 Hz 60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	4
number of NO contacts / for auxiliary contacts	4
Suitability	
suitability for use	Plant / motor protection
Adjustable parameters	
adjustable current response value current / of the current-dependent overload release / initial value	1 280 A
Product details	
product component	
• trip indicator • voltage trigger • undervoltage release	Yes Yes Yes
design of the auxiliary switch	4 NO + 4 NC
product extension / optional / motor drive	No
Product function	
product function	
• grounding protection • phase failure detection	No Yes
Display and operation	
display version	without 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	80 kA 80 kA 75 kA
breaking capacity maximum short-circuit current (Icu)	
• at 415 V / rated value • at 500 V / rated value • at 690 V / rated value	80 kA 80 kA 75 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 70 °C
ambient temperature / during storage	
• minimum • maximum	-40 °C 70 °C
Further information	
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1232-3CB36-4GS4-Z C20+K07+R21+R30+S07+T40	
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1232-3CB36-4GS4-Z C20+K07+R21+R30+S07+T40	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1232-3CB36-4GS4-Z C20+K07+R21+R30+S07+T40	
CAX-Online-Generator	





L (Long Time Delay / Overloadschutz); S (Short Time Delay / Kurzschlussschutz, kurzzeitverzögerung); I (Instantaneous / Kurzschlussschutz, unverzögert);
 S11 (Internal motor shutdown switch, if spring is tensioned / Interner Motorschaltdeckschalter, wenn Feder gespannt); F1 (1st auxiliary release / Erste Hilfsfunktion); F4 (Undervoltage release time delayed / Unterspannungsentlastung verzögert);
 F5 (Maglock for trip unit / Anstößmagnet); S1 - S8 (Auxiliary switch / Hilfschalter); S21 (Spring charged signalling switch / Spindelzustandsmeldeschalter);
 S24 (1st trip signalling switch K07 (Reset position) / Erste Ausgitterzustandschalter K07 (Reset Position)); T1 (Closing coil / Einschaltzugspule);

last modified:

3/30/2020

