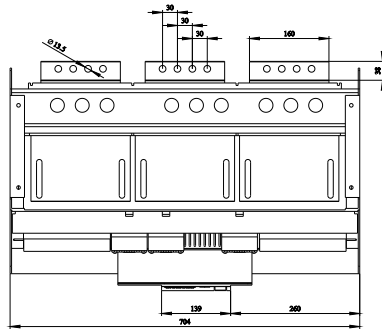
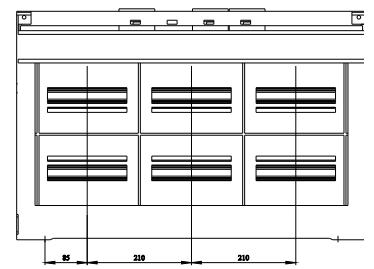
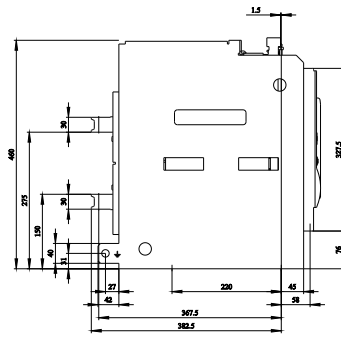
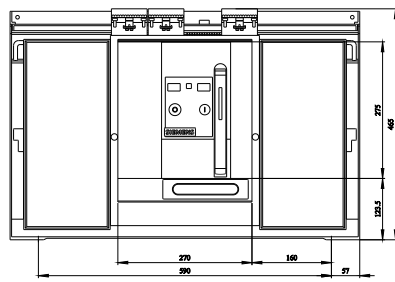
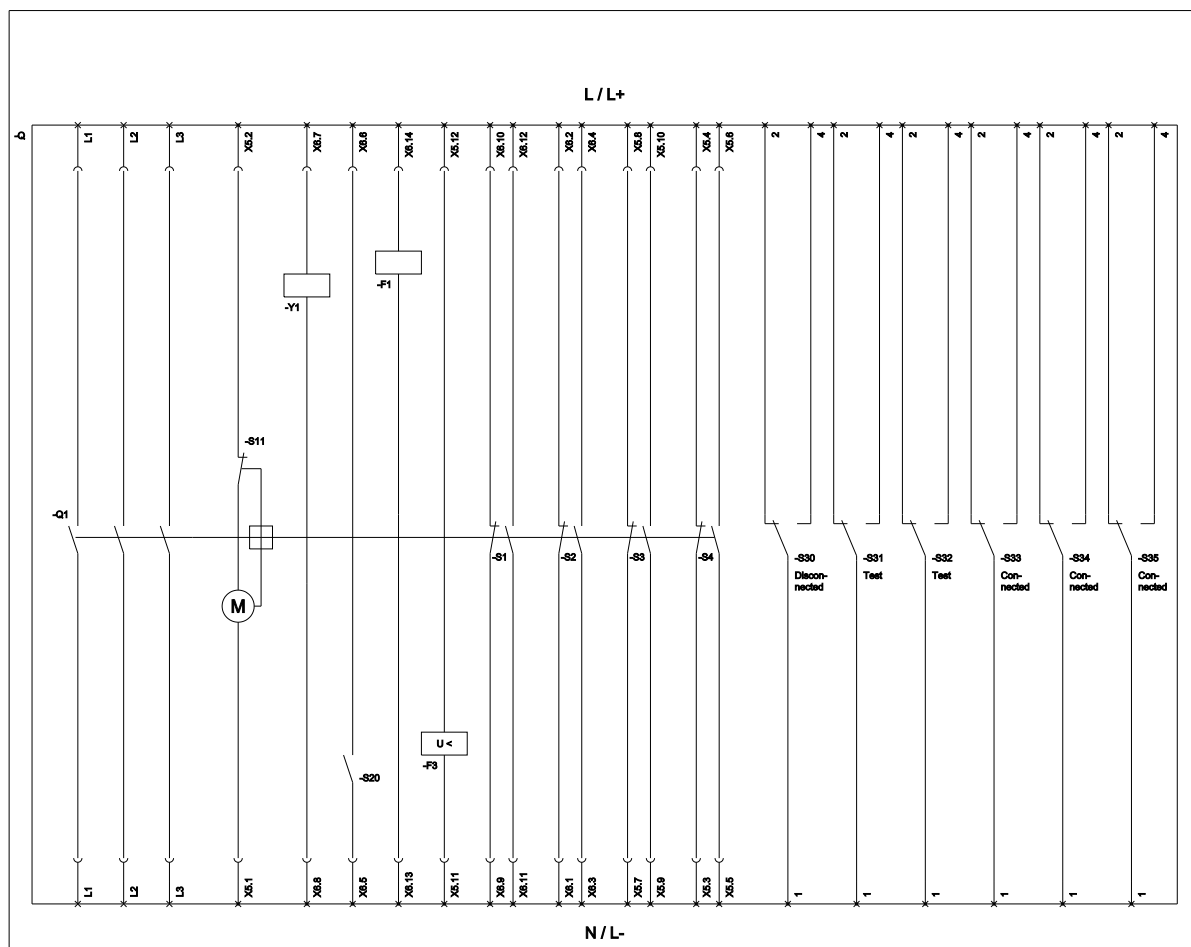


Withdrawable non-automatic air circuit breaker with slide-in module frame 3-pole, Size 3, IEC In=4000 A up to 690 V, 50/60 Hz AC Icu=100 kA at 500 V Rear horizontal connection without overcurrent release Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 110-127 V AC or 110-125 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 With 2nd auxiliary release "R", F3 Undervoltage, instant. 110-127 V AC, 110-125 V DC 4NO+4NC C22= Ready indicator R16= Position signaling switch, withdrawable part 6 changeover contacts R21= Shutter 2-part can be locked with padlock S08= RONIS locking device in Off position Disconnecter condition Safe Off/disconnector function Safe Off function Disconnecter condition in compliance with IEC 60947-2

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	without
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	without
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	270 W
• maximum	810 W
Main circuit	
operating frequency	
• 1 / rated value	50 Hz
• 2 / rated value	60 Hz
Auxiliary circuit	
number of NC contacts / for auxiliary contacts	4
number of NO contacts / for auxiliary contacts	4
Suitability	
suitability for use	Contact unit without release
Product details	
product component	
• trip indicator	No
• voltage trigger	Yes
• undervoltage release	Yes
design of the auxiliary switch	4 NO + 4 NC
product extension / optional / motor drive	No

Product function	
product function	
• grounding protection	No
Display and operation	
display version	without display
Short circuit	
operating short-circuit current breaking capacity (Ics)	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 kA
maximum short-circuit current breaking capacity (Icu)	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 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	466.5 mm
width	704 mm
depth	456 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=3WL1340-4AA66-5FM4-Z C22+R16+R21+S08 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4AA66-5FM4-Z C22+R16+R21+S08 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4AA66-5FM4-Z C22+R16+R21+S08 CAX-Online-Generator http://www.siemens.com/cax Tender specifications http://www.siemens.com/specifications	





S11 (Internal motor shutdown switch, if spring is tensioned / Interne Motorschalterschalter, wenn Feder gespannt); F1 (1st auxiliary release / Erster Hilfskontakt); F3 (Under-voltage release / Unterspannungsmagnet);
 S1 - S6 (Auxiliary switch / Hilfschalter); S20 (Ready to close signaling switch / Bereitschaftsschalterschalter); Y1 (Closing coil / Einschaltmagnet);

last modified:

9/18/2023

