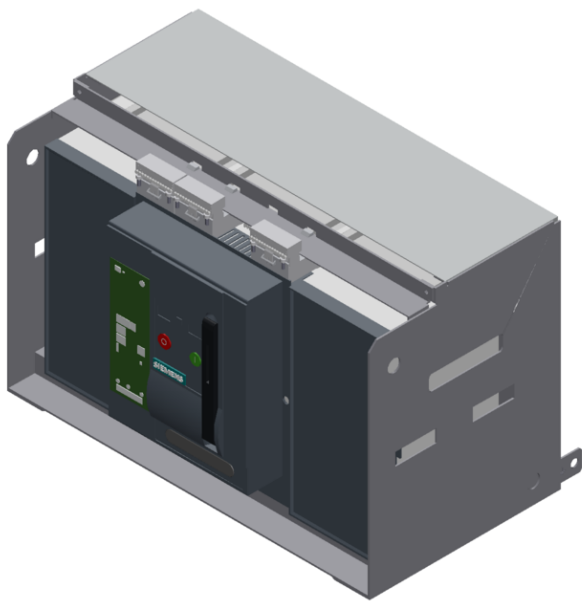




Draw-out circuit breaker with slide-in module frame 3-pole, Size 3, IEC In=5000 A up to 690 V, 50/60 Hz AC Icu=100 kA at 500 V Rear horizontal connection Overcurrent release ETU 25 LSI protection adjustable 0.4-1 in Motorized/manual operating mechanism with spring charging motor AC 50/60 Hz 208-240 V 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 without 2nd auxiliary release 2NO+2NC C20= Spring charge status indicator not possible with option F02 C26= Auxiliary switching function 1 Auxiliary release not possible with option F02 K07= Tripped signaling contact, 1 CO not possible with option F02 R10= Arc chute cover On not possible with option A05 Rated voltage 1000 V 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	SENTRON
product designation	ACB
design of the product	IEC 60947-2
design of the operating mechanism	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	3
usage category	B
circuit-breaker / Design	3WL1

Voltage

Rated insulation voltage U_i	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 • maximum	350 W 1 050 W
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Current

continuous current / rated value / maximum	5 000 A
continuous current / rated value	5 000 A
adjustable pick-up value current • of instantaneous short-circuit trip unit / initial value • of instantaneous short-circuit trip unit / full-scale value	50 000 A 50 000 A

Main circuit

operating frequency • 1 / rated value • 2 / rated value	50 Hz 60 Hz
operating current • at 40 °C / rated value • at 50 °C / rated value • at 55 °C / rated value • at 60 °C / rated value • at 65 °C / rated value • at 70 °C / rated value	5 000 A 5 000 A 5 000 A 5 000 A 5 000 A 5 000 A

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	Yes
• undervoltage release	No
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No
Product function	
product function	
• ground fault protection	No
• phase failure detection	Yes
Display and operation	
display version	without display
Short circuit	
operational 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
mounting type	drawer unit
Environmental conditions	
ambient temperature / during operation	

• minimum	-40 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Certificates

reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

Q
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General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 CCC	 VDE	 EG-Konf.	Miscellaneous Special Test Certificate  ABS

Shipping Approval	other
 BUREAU VERITAS  LRS  PRS  RMRS	CCS / China Classification Society Environmental Conformations

other
Manufacturer Declaration Confirmation Miscellaneous

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1350-4CB66-4GA2-Z C20+C26+K07+R10+R15+R21+T40>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1350-4CB66-4GA2-Z C20+C26+K07+R10+R15+R21+T40>

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

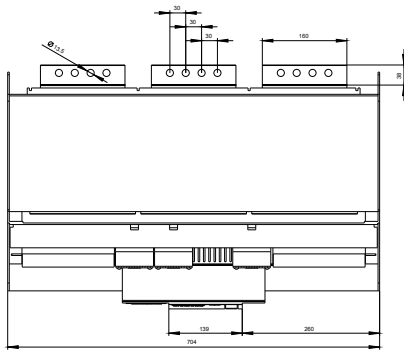
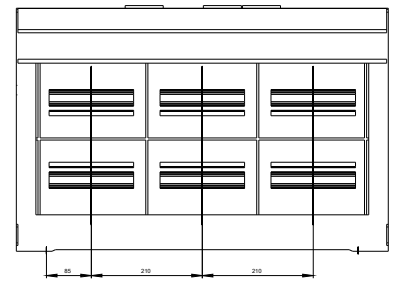
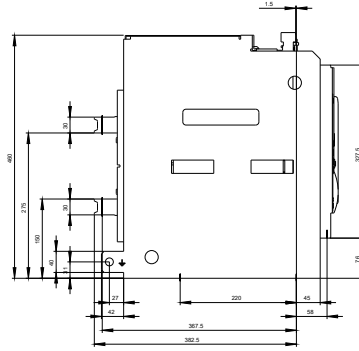
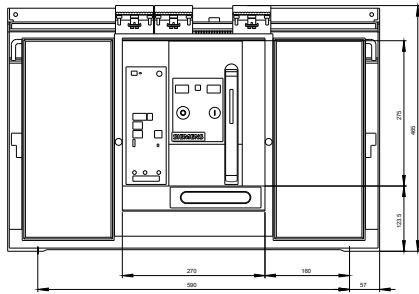
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1350-4CB66-4GA2-Z C20+C26+K07+R10+R15+R21+T40

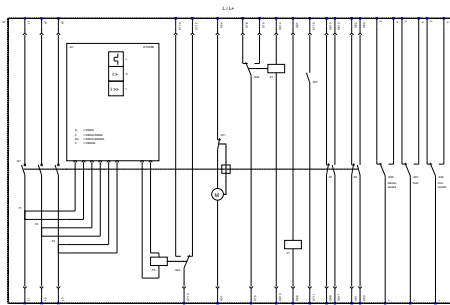
CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





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10/01/2020