

Draw-out circuit breaker with slide-in module frame 3-pole, Size 2, IEC In=4000 A up to 690 V, 50/60 Hz AC Icu=100 kA at 500 V Rear vertical connection Overcurrent release ETU 45 LSING protection adjustable 0.4-1 in with display and cubicle bus with ground fault protection Opt.: Comm./measuring func./ZSS 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 without 1st auxiliary release With 2nd auxiliary release "R", F3 Undervoltage, instant. 110-127 V AC, 110-125 V DC 2NO+2NC A05= Version for 1000 V C22= Ready indicator F40= Sealing disc for ETU25-76 for protection against unauthorized operation K07= Tripped signaling contact, 1 CO not possible with option F02 R15= Position signaling switch, withdrawable part 3 changeover contacts S07= Castell/Fortress in Off position with 4 padlock (Safe Off/disconnector function) Disconnecter 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	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	1 000 V
Protection class	
protection class IP	IP20
protection function of the overcurrent release	LSING
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	308.3 W
• maximum	925 W
Current	
continuous current / rated value / maximum	4 000 A
continuous current / rated value	4 000 A
adjustable current response value current	
• of the current-dependent overload release / full-scale value	4 000 A
• of instantaneous short-circuit trip unit / initial value	6 000 A
• of instantaneous short-circuit trip unit / full-scale value	48 000 A
Main circuit	
operating frequency	
• 1 / rated value	50 Hz

• 2 / rated value	60 Hz
operational current	
• at 40 °C / rated value	4 000 A
• at 50 °C / rated value	3 950 A
• at 55 °C / rated value	3 950 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
Adjustable parameters	
adjustable current response value current	
• of the L-trip / with I_{4t} characteristic / initial value	1 600 A
• of the L-trip / with I_{4t} characteristic / full-scale value	4 000 A
adjustable current response value current / of the current-dependent overload release / initial value	1 600 A
Product details	
product component	
• trip indicator	Yes
• voltage trigger	No
• undervoltage release	Yes
design of the auxiliary switch	2 NO + 2 NC
product extension / optional / motor drive	No
Product function	
product function	
• grounding protection	Yes
• phase failure detection	Yes
Display and operation	
display version	WITH 4-LINE DISPLAY
Short circuit	
breaking capacity operating short-circuit current (I _{cs})	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 kA
• at 1000 V / rated value	85 kA
breaking capacity maximum short-circuit current (I _{cu})	
• at 415 V / rated value	100 kA
• at 500 V / rated value	100 kA
• at 690 V / rated value	85 kA
• at 1000 V / rated value	85 kA
Connections	
arrangement of electrical connectors / for main current circuit	Main terminal on the rear vertical
type of electrical connection / for main current circuit	busbar connection
Mechanical Design	
height	465.5 mm
width	460 mm
depth	450.5 mm
fastening method	drawer unit
Environmental conditions	
ambient temperature / during operation	
• minimum	-40 °C
• maximum	55 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C
Certificates	

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

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Industry Mall (Online ordering system)

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

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1240-4FG67-5AM2-Z A05+C22+F40+K07+R15+S07+T40

Tender specifications

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



