

Draw-out circuit breaker Without guide frame 4-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 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 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 "R", F3 Undervoltage, instant. 50/60 Hz 380-415 V AC 4NO+4NC

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	4
size of the circuit-breaker	3
utilization 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 class IP / on the front	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	350 W
• maximum	1 050 W
Current	
operational current	
• at 40 °C / rated value	5 000 A
• at 45 °C / rated value	5 000 A
• at 50 °C / rated value	5 000 A
• at 55 °C / rated value	5 000 A
continuous current / rated value / maximum	5 000 A
continuous current / rated value	5 000 A
adjustable current response value current	
• of instantaneous short-circuit trip unit / minimum	7 500 A
• of instantaneous short-circuit trip unit / maximum	60 000 A
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	Plant / motor protection					
Product details						
product component						
• trip indicator	Yes					
• 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	Yes					
• phase failure detection	Yes					
Display and operation						
display version	WITH 4-LINE DISPLAY					
Short circuit						
breaking capacity operating short-circuit current (Ics)						
• at 415 V / rated value	100 kA					
• at 500 V / rated value	100 kA					
• at 690 V / rated value	85 kA					
breaking capacity maximum short-circuit current (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	without guide frame					
type of electrical connection / for main current circuit	Blade contacts					
Mechanical Design						
height	410 mm					
width	701 mm					
depth	337 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					
General Product Approval		EMC	Declaration of Conformity			
Confirmation		 CCC		 RCM	 EG-Konf.	
Test Certificates		Marine / Shipping				
Type Test Certificates/Test Report	Miscellaneous	Special Test Certificate	 ABS	 BUREAU VERITAS	 LRS	
Marine / Shipping		other				



[CCS / China Classification Society](#)



[Environmental Confirmations](#)

[Miscellaneous](#)

[Confirmation](#)

other

Dangerous Good

[Miscellaneous](#)

[Transport Information](#)

Further information

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3WL1350-4FG75-4GP4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1350-4FG75-4GP4>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=3WL1350-4FG75-4GP4

CAX-Online-Generator

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

Tender specifications

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



