

withdrawable circuit breaker with guide frame 3-pole, size III, IEC In=4000A to 690V, AC50/60Hz Icu=100kA at 500V rear connection horizontal Overcurrent release ETU 76 LSING protection adjustable 0.4-1 in with graphic display U cubicle bus with ground fault protection Opt.: Comm./measuring func./ZSI 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. 208-240 V AC, 220-250 V DC 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	ETU76B
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	LSING
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	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 • phase failure detection	Yes		
	Yes		
Display and operation			
display version	With fully-graphical display		
Short circuit			
operating short-circuit current breaking capacity (Ics) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value	100 kA		
	100 kA		
	85 kA		
maximum short-circuit current breaking capacity (Icu) • at 415 V / rated value • at 500 V / rated value • at 690 V / rated value	100 kA		
	100 kA		
	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 • maximum	-20 °C		
	55 °C		
ambient temperature / during storage • minimum • maximum	-40 °C		
	70 °C		
General Product Approval		EMC	Declaration of Conformity

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1340-4NG36-4GN4>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1340-4NG36-4GN4

CAX-Online-Generator

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

Tender specifications

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



