

DRAW-OUT CIRCUIT BREAKER WITHOUT GUIDE
FRAME 3-POLE, SIZE II, IEC IN=4000A TO 690V,
AC50/60HZ ICU=66KA AT 500V REAR TERMINALS
HORIZONTAL

Model		
product brand name		SENTRON
Product designation		ACB
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		ETU27B

General technical data		
Number of poles		3
Size of the circuit-breaker		2
Electrical endurance (switching cycles) / typical		15 000
Usage category		B
circuit-breaker / Design		3WL1240
Mechanical service life (switching cycles) / typical		15 000

Voltage		
Rated insulation voltage Ui	V	1 000
Insulation voltage / rated value	V	1 000

Protection class		
Protection class IP		IP20
Protective function of the overcurrent release		LSING
Electricity		
Continuous current / rated value	A	4 000
Adjustable pick-up value current		
• of instantaneous short-circuit trip unit / initial value	A	50 000
• of instantaneous short-circuit trip unit / Full-scale value	A	50 000
Main circuit		
Operating frequency		
• 1 / rated value	Hz	50
• 2 / rated value	Hz	60
Operating voltage		
• at AC / at 50/60 Hz / rated value	V	690
Operating current		
• at 40 °C / rated value	A	4 000
• at 50 °C / rated value	A	3 950
• at 55 °C / rated value	A	3 950
• at 60 °C / rated value	A	3 810
• at 65 °C / rated value	A	3 810
• at 70 °C / rated value	A	3 600
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
Product extension / optional / motor drive		No
Product function		
Product function		
• Ground fault protection		Yes
Display and operation		
Display version		without display

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	mm	411.5
Width	mm	451
Depth	mm	337
Mounting type		drawer unit

Environmental conditions

Ambient temperature		
• during operation / minimum	°C	-20
• during operation / maximum	°C	70
• during storage / minimum	°C	-40
• during storage / maximum	°C	70

Certificates

Equipment marking		
• acc. to DIN EN 61346-2		Q
• acc. to DIN EN 81346-2		Q

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval
 VDE	 EAC	 EG-Konf.	 ABS

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Shipping Approval	other
 BUREAU VERITAS  GL  LRS  PRS  RMRS	Umweltbestätigung

other
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Further information

Industry Mall (Online ordering system)
<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/3WL1240-2DG35-4GN4>

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

<http://support.automation.siemens.com/WW/view/en/3WL1240-2DG35-4GN4/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1240-2DG35-4GN4

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>

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