

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 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 4NO+4NC K07= Tripped signaling contact, 1 CO not possible with option F02 S01= CES locking device in OFF position (safe OFF/disconnector functionality) Disconnector condition in compliance with IEC 60947-2

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	ETU25B
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	690 V
Protection class	
protection class IP	IP20
• protection class IP / on the front	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	308.3 W
• maximum	925 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
Adjustable parameters	
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	Yes
• undervoltage release	No
design of the auxiliary switch	4 NO + 4 NC

product extension / optional / motor drive	No
<b>Product function</b>	
product function	
• grounding protection	No
• phase failure detection	Yes
<b>Display and operation</b>	
display version	without display
<b>Connections</b>	
arrangement of electrical connectors / for main current circuit	without guide frame
type of electrical connection / for main current circuit	Blade contacts
<b>Mechanical Design</b>	
height	411.5 mm
width	451 mm
depth	337 mm
fastening method	drawer unit
<b>Environmental conditions</b>	
ambient temperature / during operation	
• minimum	-20 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	70 °C
<b>Further information</b>	

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3WL1240-2CB35-4GA4-Z K07+S01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3WL1240-2CB35-4GA4-Z K07+S01>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3WL1240-2CB35-4GA4-Z K07+S01](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3WL1240-2CB35-4GA4-Z K07+S01)

**CAX-Online-Generator**

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

**Tender specifications**

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



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