



Miniature circuit breaker 400 V 4.5 kA, 2-pole, C, 16A Circuit breaker 400 V 4.5 kA, 2-pole, C, 16A

Model	
product brand name	SETRON
product designation	Miniature circuit breaker
General technical data	
number of poles	2
design of pole	2P
tripping characteristic class	C
overvoltage category	3
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
type of voltage	Use only in alternating current or direct current circuits. Mixed use is not permitted.
insulation voltage (Ui)	
<ul style="list-style-type: none"> <li>with multi-phase operation at AC rated value</li> </ul>	440 V
<ul style="list-style-type: none"> <li>operational current                             <ul style="list-style-type: none"> <li>— at 30 °C rated value</li> </ul> </li> </ul>	16 A
<ul style="list-style-type: none"> <li>operational current at AC rated value</li> </ul>	16 A
Supply voltage	
supply voltage at AC	400 V
value range of the supply voltage frequency	50/60 Hz
operating voltage	
<ul style="list-style-type: none"> <li>with multi-phase operation at AC maximum</li> </ul>	440 V
<ul style="list-style-type: none"> <li>at DC rated value maximum</li> </ul>	62.5 V
<ul style="list-style-type: none"> <li></li> </ul>	The operational voltage 62,5V DC/pole takes into account a battery charging voltage with peak value of 72V
Protection class	
protection class IP	IP20, with connected conductors
Breaking Capacity	
switching capacity current	
<ul style="list-style-type: none"> <li>according to EN 60898 rated value</li> </ul>	4.5 kA
<ul style="list-style-type: none"> <li>according to IEC 60947-2 rated value</li> </ul>	5 kA
energy limitation class	3
suitability for operation	Residential buildings/infrastructure
Product details	
product feature touch protection	Yes
product component neutral conductor switching	No
product feature halogen-free	Yes

product feature sealable	Yes
product feature silicon-free	Yes
product extension installable supplementary devices	Yes

### Connections

<b>connectable conductor cross-section solid</b>	
• minimum	0.75 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
<b>connectable conductor cross-section stranded</b>	
• minimum	0.75 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
<b>connectable conductor cross-section finely stranded with core end processing</b>	
• minimum	0.75 mm <sup>2</sup>
• maximum	25 mm <sup>2</sup>
<b>tightening torque with screw-type terminals</b>	
• minimum	2.5 N·m
• maximum	3 N·m

### Mechanical Design

height	90 mm
width	36 mm
depth	76 mm
installation depth	70 mm
number of modular width units	2
mounting position	any
Net Weight	0.33 kg

### Environmental conditions

<b>ambient temperature during operation</b>	
• minimum	-25 °C
• maximum	45 °C
<b>ambient temperature during storage</b>	
• minimum	-40 °C
• maximum	75 °C

### Approvals Certificates

Environment	General Product Approval
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[Environmental Confirmations](#)

[Environmental Confirmations](#)



[Confirmation](#)



EG-Konf.

General Product Approval	EMV	other
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[Confirmation](#)



### Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL3216-7CC>

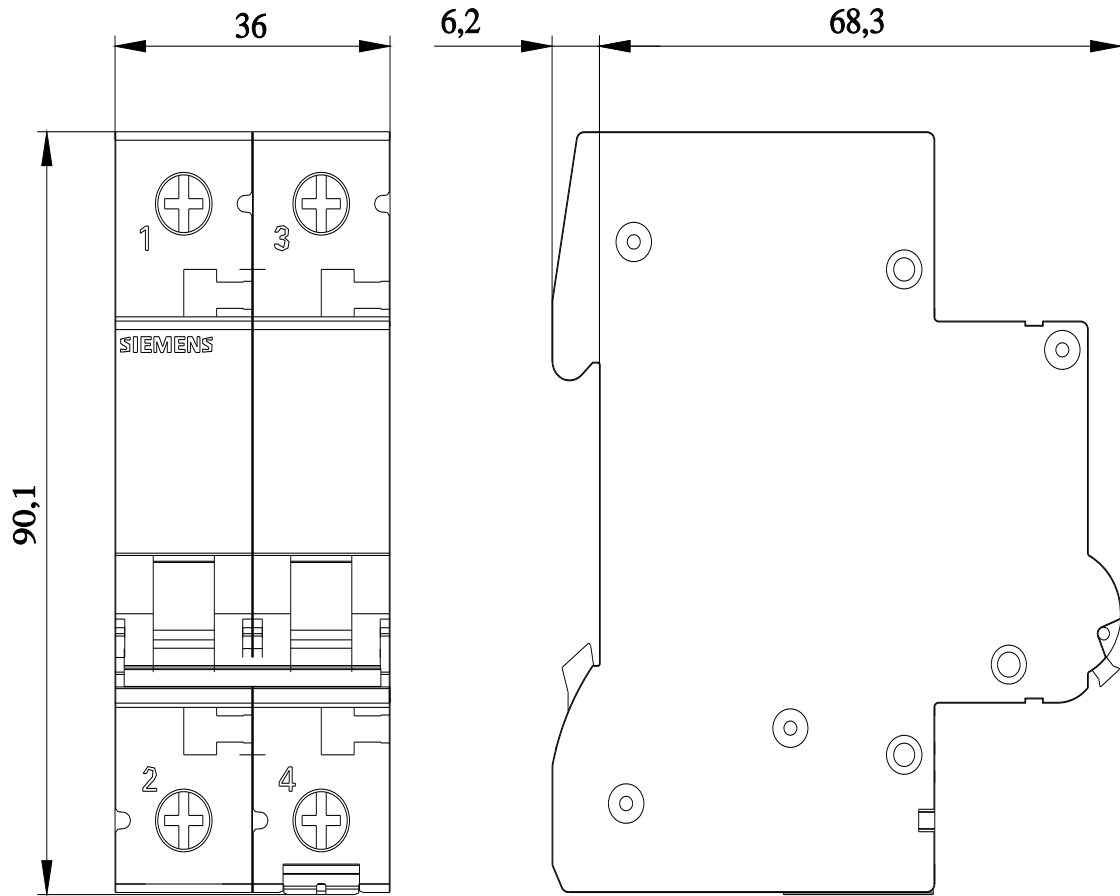
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/5SL3216-7CC>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL3216-7CC](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL3216-7CC)

CAX-Online-Generator





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