

Miniature circuit breaker 400 V 6kA, 2-pole, C, 10 A  
Circuit breaker 400 V 6kA, 2-pole, C, 10 A



Model	
Product brand name	SETRON
Product designation	Miniature circuit breaker
Design of the product	5SL miniature circuit breakers
General technical data	
Number of poles	2
Number of poles / Note	2P
Tripping characteristic class	C
circuit-breaker / Design	5SL6CC
Overvoltage category	3
Voltage	
Insulation voltage	440 V
• with multi-phase operation / at AC / rated value	
Supply voltage	
Type of voltage	AC
Current / at AC / rated value	10 A
Supply voltage / at AC / rated value	400 V
Operating voltage	

<ul style="list-style-type: none"> <li>• with multi-phase operation / at AC / maximum</li> <li>• at DC / rated value / maximum</li> </ul>	440 V 60 V
Supply voltage frequency	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	50 Hz
<b>Protection class</b>	
Protection class IP	IP20, with connected conductors
<b>Switching capacity</b>	
Switching capacity current	
<ul style="list-style-type: none"> <li>• acc. to EN 60898 / rated value</li> </ul>	6 kA
Energy limiting class	3
<b>Dissipation</b>	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.4 W
<b>Current</b>	
Tripping residual / rated value / derated current / at 40 Cel	9.43 A
Suitability for operation	Residential buildings/infrastructure
<b>Product details</b>	
Product function / neutral conductor switching	No
Product feature / Touch protection	Yes
Product feature	
<ul style="list-style-type: none"> <li>• halogen-free</li> <li>• sealable</li> <li>• silicon-free</li> </ul>	Yes Yes Yes
<b>Connections</b>	
Connectable conductor cross-section / stranded	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 25 mm <sup>2</sup>
Connectable conductor cross-section / finely stranded / with core end processing	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	0.75 mm <sup>2</sup> 25 mm <sup>2</sup>
<b>Mechanical Design</b>	
Height	90 mm
Width	36 mm
Depth	76 mm
Installation depth	70 mm
Number of width units	2
Mounting position	any
<b>Environmental conditions</b>	

Influence of the surrounding temperature	Periodically +55°C, max. 95% humidity
Vibration resistance / acc. to IEC 60068-2-6	50 m/s <sup>2</sup> at 25 to 150 Hz
Ambient temperature <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 45 °C
Ambient temperature / during storage <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	-40 °C 75 °C

## Certificates

### Reference code

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

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## General Product Approval

## Declaration of Conformity



CCC



RCM



EG-Konf.

## Further information

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

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

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6210-7CC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL6210-7CC>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL6210-7CC](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6210-7CC)

### CAX-Online-Generator

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

### Tender specifications

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



