

Miniature circuit breaker 415 V 10kA, 2-pole, C, 10 A



Model	
Product brand name	SENTRON
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	5SL4
Mechanical service life (switching cycles) / typical	10 000
Overvoltage category	III
Degree of pollution	2
Voltage	
Insulation voltage	
<ul style="list-style-type: none"> <li>with single-phase operation / at AC / rated value</li> </ul>	250 V
<ul style="list-style-type: none"> <li>with multi-phase operation / at AC / rated value</li> </ul>	440 V
Supply voltage	

Type of voltage	AC
Current / at AC / rated value	10 A
Supply voltage / at AC / rated value	415 V
Operating voltage	
• with multi-phase operation / at AC / maximum	440 V
• at DC / rated value / maximum	72 V
Supply voltage frequency	
• rated value	50 Hz

<b>Protection class</b>	
Protection class IP	IP20, with connected conductors

<b>Switching capacity</b>	
Switching capacity current	
• acc. to EN 60898 / rated value	10 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	1.24 W
Suitability for operation	Residential buildings/infrastructure

<b>Product details</b>	
Product function / neutral conductor switching	No
Product feature / Touch protection	Yes
Product feature	
• halogen-free	Yes
• sealable	Yes
• silicon-free	Yes

<b>Connections</b>	
Connectable conductor cross-section / stranded	
• minimum	0.75 mm <sup>2</sup>
• maximum	25 mm <sup>2</sup>
Connectable conductor cross-section / finely stranded / with core end processing	
• minimum	0.75 mm <sup>2</sup>
• maximum	25 mm <sup>2</sup>

<b>Mechanical Design</b>	
Height	90 mm
Width	18 mm
Depth	76 mm
Installation depth	70 mm
Number of width units	1
Mounting position	any

Net weight	262 g
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### Environmental conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<ul style="list-style-type: none"> <li>-25 °C</li> <li>55 °C</li> </ul>
Ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	<ul style="list-style-type: none"> <li>-40 °C</li> <li>75 °C</li> </ul>

### Certificates

Reference code	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>	<ul style="list-style-type: none"> <li>F</li> <li>F</li> </ul>

<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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EG-Konf.

[Miscellaneous](#)

### 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=5SL4210-7RC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL4210-7RC>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL4210-7RC](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4210-7RC)

**CAX-Online-Generator**

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

**Tender specifications**

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



