

**Data sheet**

**5SL6204-7**

Miniature circuit breaker 400 V 6kA, 2-pole, C, 4A

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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	5SL6
Mechanical service life (switching cycles) / typical	10 000
Overvoltage category	3

Voltage	
Insulation voltage	440 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	4 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> <li>acc. to IEC 60947-2 / rated value</li> </ul>	6 kA 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	0.7 W

<b>Current</b>	
Tripping residual / rated value / derated current / at 40 Cel	3.76 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
Net weight	235 g

### Environmental conditions

Influence of the surrounding temperature	Periodically +55°C, max. 95% humidity
Ambient temperature	
• minimum	-25 °C
• maximum	45 °C
Ambient temperature / during storage	
• minimum	-40 °C
• maximum	75 °C

### Certificates

Reference code	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

#### General Product Approval



[TSE](#)

#### Declaration of Conformity



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?mfb=5SL6204-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL6204-7>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SL6204-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SL6204-7)

#### CAX-Online-Generator

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

#### Tender specifications

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



