

Miniature circuit breaker 400 V 10kA, 2-pole, C, 4A



| 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                                 | 3                              |
| Degree of pollution                                  | 2                              |
| Voltage  |                                |
| Insulation voltage                                   |                                |
| • with multi-phase operation / at AC / rated value   | 440 V                          |
| Supply voltage                                       |                                |
| type of voltage                                      | AC                             |
| Operating 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<br>72 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> | 10 kA<br>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 | 1.2 W |

|   |                                      |
|---|--------------------------------------|
| <b>Current</b>  |                                      |
| Tripping residual / rated value / derated current / at 40 Cel | 3.79 A                               |
| Suitability for operation                                     | Residential buildings/infrastructure |

|  |                   |
|--|-------------------|
| <b>Product details</b>   |                   |
| Product function / neutral conductor switching   | No                |
| Product feature / Touch protection   | Yes               |
| <ul style="list-style-type: none"> <li>• product feature / halogen-free</li> <li>• Product feature / sealable</li> <li>• product feature / silicon-free</li> </ul> | Yes<br>Yes<br>Yes |
| Product extension / can be installed / supplementary devices   | Yes               |

|  |  |
|--|--|
| <b>Connections</b>   |  |
| connectable conductor cross-section / solid                                      |  |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | 0.75 mm <sup>2</sup><br>25 mm <sup>2</sup> |
| Connectable conductor cross-section / stranded                                   |  |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | 0.75 mm <sup>2</sup><br>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><br>25 mm <sup>2</sup> |
| Tightening torque / with screw-type terminals                                    |  |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul>                      | 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 width units | 2     |
| mounting position     | any   |
| net weight            | 290 g |

### Environmental conditions

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

### Certificates

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

### General Product Approval

Declaration of  
Conformity

Test Certific-  
ates



[Miscellaneous](#)



[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=5SL4204-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL4204-7>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL4204-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4204-7)

#### CAX-Online-Generator

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

#### Tender specifications

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



