SIEMENS

## Data sheet 5SL4204-7

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 |
| **Voltage** | |
| Insulation voltage | |
| • with multi-phase operation / at AC / rated value | 440 V |
| **Supply voltage** | |
| Type of voltage | AC |
| Current / at AC / rated value | 4 A |
| Supply voltage / at AC / rated value | 400 V |


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| | |
|---|---|
| Operating voltage | |
| • with multi-phase operation / at AC / maximum | 440 V |
| • at DC / rated value / maximum | 60 V |
| Supply voltage frequency | |
| • rated value | 50 Hz |

## Protection class

| | |
|---|---|
| Protection class IP | IP20, with connected conductors |

## Switching capacity

| | |
|---|---|
| Switching capacity current | |
| • acc. to EN 60898 / rated value | 10 kA |
| • acc. to IEC 60947-2 / rated value | 10 kA |
| Energy limiting class | 3 |

## Dissipation

| | |
|---|---|
| Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 1.2 W |

## Current

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

## Product details

| | |
|---|---|
| Product function / neutral conductor switching | No |
| Product feature / Touch protection | Yes |
| Product feature | |
| • halogen-free | Yes |
| • sealable | Yes |
| • silicon-free | Yes |

## Connections

| | |
|---|---|
| Connectable conductor cross-section / stranded | |
| • minimum | 0.75 mm² |
| • maximum | 25 mm² |
| Connectable conductor cross-section / finely stranded / with core end processing | |
| • minimum | 0.75 mm² |
| • maximum | 25 mm² |

## Mechanical Design

| | |
|---|---|
| Height | 90 mm |
| Width | 36 mm |
| Depth | 76 mm |
| Installation depth | 70 mm |
| Number of width units | 2 |


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| | |
|---|---|
| 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 |
| • acc. to DIN EN 81346-2 | F |

| General Product Approval | | | Miscellaneous | Declaration of Conformity | Test Certificates | Miscellaneous |
|---|---|---|---|---|---|---|
| CEBEC | IMQ | VDE | | 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=5SL4204-7

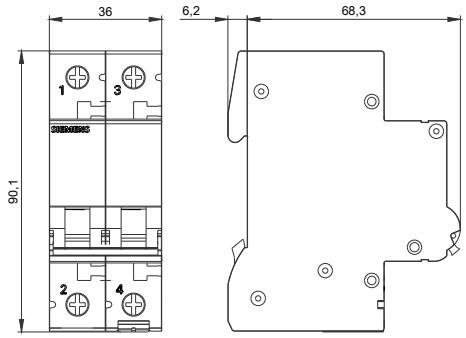
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5SL4204-7

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4204-7

**CAx-Online-Generator**
http://www.siemens.com/cax

**Tender specifications**
http://www.siemens.com/specifications


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