SIEMENS

## Data sheet 5SL4325-7



Miniature circuit breaker 400 V 10kA, 3-pole, C, 25A

| | |
|---|---|
| **Model** | |
| product brand name | SENTRON |
| product designation | Miniature circuit breaker |
| design of the product | 5SL miniature circuit breakers |
| **General technical data** | |
| number of poles | 3 |
| number of poles / note | 3P |
| tripping characteristic class | C |
| mechanical service life (switching cycles) / typical | 10 000 |
| overvoltage category | III |
| degree of pollution | 2 |
| **Voltage** | |
| insulation voltage | |
| • with multi-phase operation / at AC / rated value | 440 V |
| **Supply voltage** | |
| type of voltage | AC |
| supply voltage / at AC / rated value | 400 V |
| operating voltage | |
| • with multi-phase operation / at AC / maximum | 440 V |
| • at DC / rated value / maximum | 72 V |
| **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 limitation class | 3 |
| **Dissipation** | |
| power loss [W] / for rated value of the current / at AC / in hot operating state / per pole | 2.3 W |
| **Current** | |
| operational current | |
| • at 30 °C / rated value | 25 A |
| • at 40 °C / rated value | 23.68 A |
| • at 45 °C / rated value | 23 A |
| • at 55 °C / rated value | 21.54 A |
| • at AC / rated value | 25 A |


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| | |
|---|---|
| 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 |
| product extension / installable / supplementary devices | Yes |
| **Connections** | |
| connectable conductor cross-section / solid | |
| ● minimum | 0.75 mm² |
| ● maximum | 25 mm² |
| 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 |
| tightening torque / with screw-type terminals | |
| ● minimum | 2.5 N·m |
| ● maximum | 3 N·m |
| **Mechanical Design** | |
| height | 90 mm |
| width | 54 mm |
| depth | 76 mm |
| installation depth | 70 mm |
| number of modular width units | 3 |
| mounting position | any |
| net weight | 445 g |
| **Environmental conditions** | |
| influence of the surrounding temperature | +55 °C, max. 95% humidity |
| ambient temperature / during operation | |
| ● 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 IEC 81346-2 | F |

**General Product Approval** | **Declaration of Conformity**

CEBEC IMQ VDE

Miscellaneous

EAC CE EG-Konf.

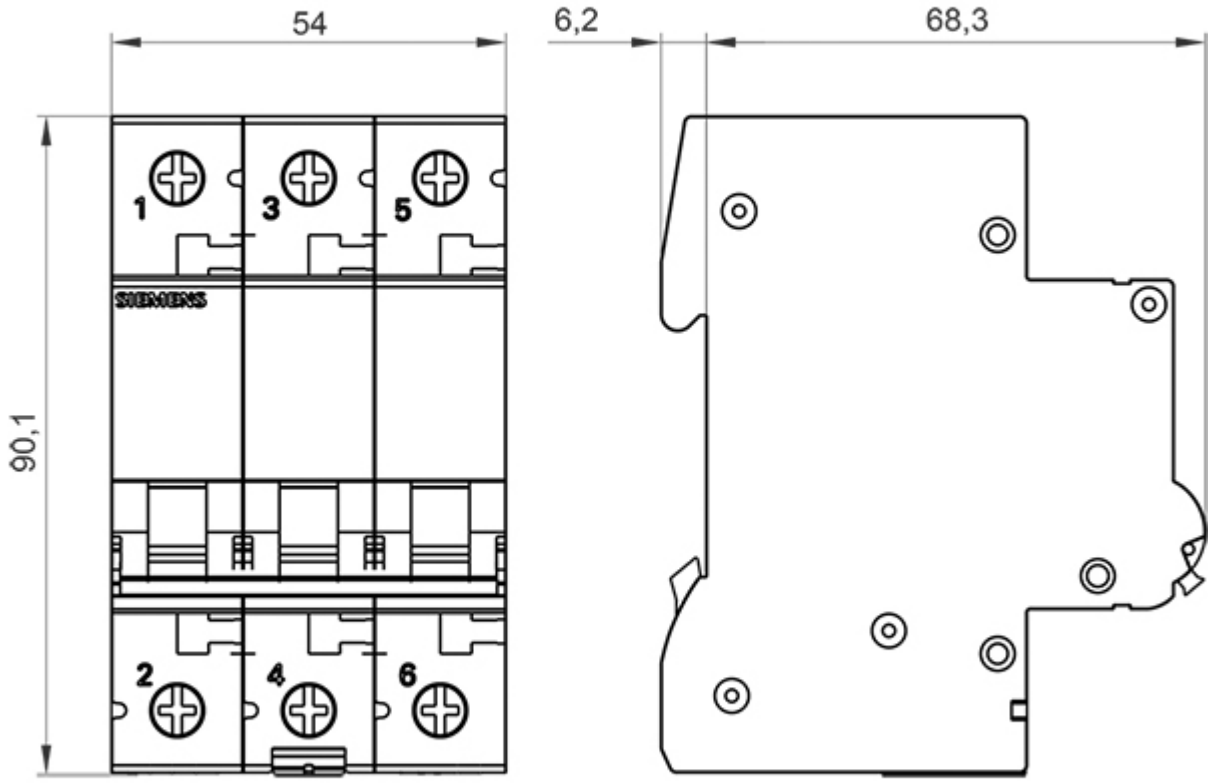
**Test Certificates**

Miscellaneous


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## 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=5SL4325-7
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5SL4325-7
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4325-7
**Tender specifications**
http://www.siemens.com/specifications





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