



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

| Model  |   |
|--|---|
| product brand name   | SETRON  |
| product designation  | Miniature circuit breaker   |
| General technical data   |   |
| number of poles  | 4   |
| design of pole   | 4P  |
| tripping characteristic class  | C   |
| mechanical service life (operating cycles) typical   | 10 000  |
| overvoltage category   | 3   |
| degree of pollution  | 2   |
| Voltage  |   |
| type of voltage of the operating voltage   | AC  |
| type of voltage  | Use only in alternating current or direct current circuits. Mixed use is not permitted.                                       |
| insulation voltage (Ui)  |   |
| <ul style="list-style-type: none"> <li>with multi-phase operation at AC rated value</li> </ul>   | 440 V   |
| <ul style="list-style-type: none"> <li>operational current                             <ul style="list-style-type: none"> <li>at 30 °C rated value</li> <li>at 40 °C rated value</li> <li>at 55 °C rated value</li> </ul> </li> <li>operational current at AC rated value</li> </ul> | 2 A<br>1.92 A<br>1.79 A<br>2 A  |
| Supply voltage   |   |
| supply voltage at AC   | 400 V   |
| value range of the supply voltage frequency  | 50/60 Hz  |
| operating voltage  |   |
| <ul style="list-style-type: none"> <li>with multi-phase operation at AC maximum</li> <li>at DC rated value maximum</li> <li></li> </ul>  | 440 V<br>62.5 V<br>The operational voltage 62,5V DC/pole takes into account a battery charging voltage with peak value of 72V |
| Protection class   |   |
| protection class IP  | IP20, with connected conductors   |
| Breaking Capacity  |   |
| switching capacity current   |   |
| <ul style="list-style-type: none"> <li>according to EN 60898 rated value</li> <li>according to IEC 60947-2 rated value</li> </ul>  | 10 kA<br>10 kA  |
| energy limitation class  | 3   |
| Dissipation  |   |
| power loss [W] for rated value of the current at AC in hot operating state per pole  | 1.2 W   |

|                           |                                      |
|---------------------------|--------------------------------------|
| suitability for operation | Residential buildings/infrastructure |
|---------------------------|--------------------------------------|

**Product details**

|   |     |
|---|-----|
| product feature touch protection                    | Yes |
| product component neutral conductor switching       | No  |
| product feature halogen-free                        | Yes |
| product feature sealable                            | Yes |
| product feature silicon-free                        | Yes |
| product extension installable supplementary devices | Yes |

**Connections**

|  |                      |
|--|----------------------|
| connectable conductor cross-section solid                                    |                      |
| • minimum  | 0.75 mm <sup>2</sup> |
| • maximum  | 25 mm <sup>2</sup>   |
| 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>   |
| tightening torque with screw-type terminals                                  |                      |
| • minimum  | 2.5 N·m              |
| • maximum  | 3 N·m                |

**Mechanical Design**

|                               |       |
|-------------------------------|-------|
| height                        | 90 mm |
| width                         | 72 mm |
| depth                         | 76 mm |
| installation depth            | 70 mm |
| number of modular width units | 4     |
| mounting position             | any   |
| Net Weight                    | 610 g |

**Environmental conditions**

|                                      |        |
|--------------------------------------|--------|
| ambient temperature during operation |        |
| • minimum                            | -25 °C |
| • maximum                            | 55 °C  |
| ambient temperature during storage   |        |
| • minimum                            | -40 °C |
| • maximum                            | 75 °C  |

**Approvals Certificates**

|             |                          |
|-------------|--------------------------|
| Environment | General Product Approval |
|-------------|--------------------------|

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)



|                          |                   |       |
|--------------------------|-------------------|-------|
| General Product Approval | Test Certificates | other |
|--------------------------|-------------------|-------|



[Confirmation](#)



[Miscellaneous](#)

[Confirmation](#)

**other**



## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL4402-7>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL4402-7>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL4402-7](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4402-7)

### CAX-Online-Generator

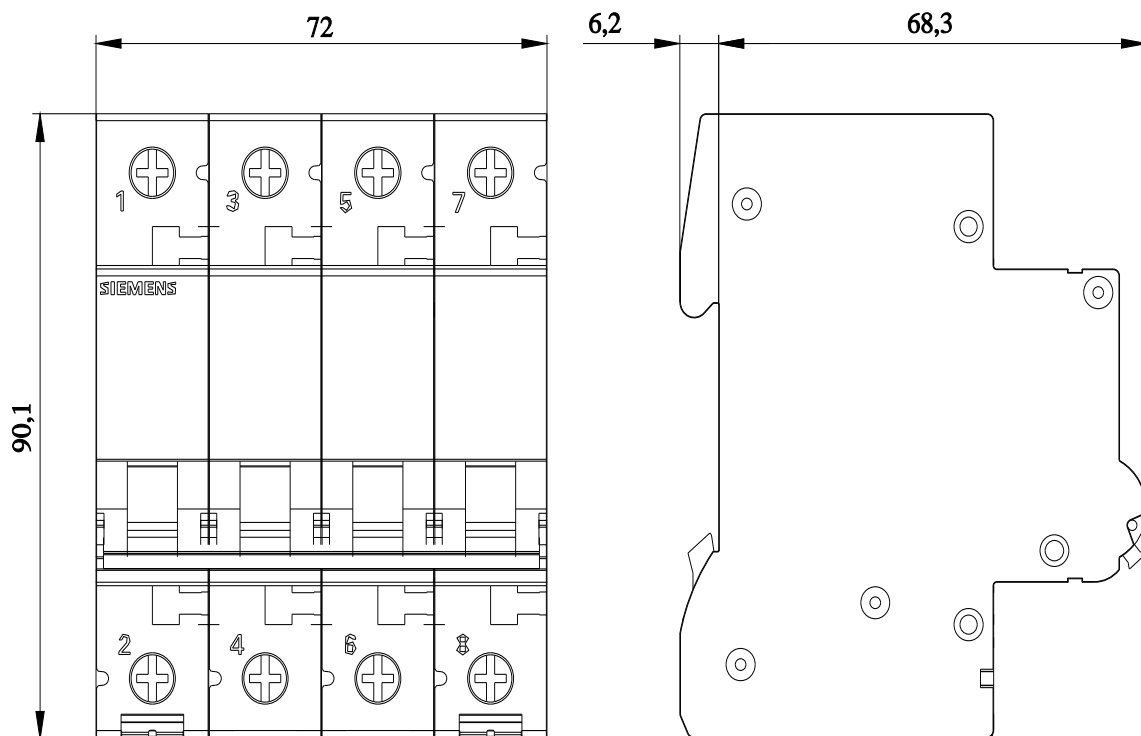
<https://www.siemens.com/cax>

### Tender specifications

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

### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





last modified:

7/23/2025 

