



Miniature circuit breaker 400 V 10kA, 2-pole, C, 63 A Circuit breaker 400 V 10kA, 2-pole, C, 63 A

| Model   |  |
|---|--|
| product brand name  | SENTRON  |
| product designation   | Miniature circuit breaker                        |
| General technical data  |  |
| number of poles   | 2  |
| design of pole  | 2P   |
| tripping characteristic class   | C  |
| overvoltage category  | III  |
| degree of pollution   | 2  |
| Voltage   |  |
| type of voltage of the operating voltage  | AC   |
| insulation voltage (U <sub>i</sub> )  | 440 V  |
| <ul style="list-style-type: none"> <li>with multi-phase operation at AC rated value</li> </ul>  | 440 V  |
| Supply voltage  |  |
| supply voltage at AC rated value  | 400 V  |
| value range of the supply voltage frequency   | 50/60 Hz   |
| operating voltage   | 440 V  |
| <ul style="list-style-type: none"> <li>with multi-phase operation at AC maximum</li> <li>at DC rated value maximum</li> </ul>   | 72 V   |
| Protection class  |  |
| protection class IP   | IP20, with connected conductors                  |
| Switching capacity  |  |
| switching capacity current  | 10 kA  |
| <ul style="list-style-type: none"> <li>according to EN 60898 rated value</li> </ul>   | 10 kA  |
| energy limitation class   | 3  |
| Dissipation   |  |
| power loss [W] for rated value of the current at AC in hot operating state per pole   | 5 W  |
| Current   |  |
| operational current   | 63 A   |
| <ul style="list-style-type: none"> <li>at 30 °C rated value</li> <li>at 40 °C rated value</li> <li>at 45 °C rated value</li> <li>at 50 °C rated value</li> <li>at 55 °C rated value</li> <li>at AC rated value</li> </ul> | 59.67 A<br>57.93 A<br>56.14 A<br>54.29 A<br>63 A |
| suitability for operation   | Residential buildings/infrastructure             |
| Product details   |  |
| product feature   | Yes  |
| <ul style="list-style-type: none"> <li>halogen-free</li> </ul>  | Yes  |

|   |     |
|---|-----|
| • sealable  | Yes |
| • 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                         | 36 mm |
| depth                         | 76 mm |
| installation depth            | 70 mm |
| number of modular width units | 2     |
| mounting position             | any   |

### Environmental conditions

|   |                                     |
|---|-------------------------------------|
| vibration resistance according to IEC 60068-2-6 | 50 m/s <sup>2</sup> at 25 to 150 Hz |
| ambient temperature during operation            |                                     |
| • minimum                                       | -25 °C                              |
| • maximum                                       | 55 °C                               |
| ambient temperature during storage              |                                     |
| • minimum                                       | -40 °C                              |
| • maximum                                       | 75 °C                               |

### Certificates

|                            |   |
|----------------------------|---|
| reference code             |   |
| • according to EN 61346-2  | F |
| • according to IEC 81346-2 | F |

### General Product Approval

### EMC

### Declaration of Conformity



[Confirmation](#)



### Test Certificates

### other

[Miscellaneous](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

### 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=5SL4263-7CC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL4263-7CC>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL4263-7CC](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4263-7CC)

**CAx-Online-Generator**

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





