

Miniature circuit-breaker 220 V DC DC 10 kA 1-pole C 63

| Model | |
|--|--------------------------------------|
| product brand name | SENTRON |
| product designation | Miniature circuit breaker |
| General technical data | |
| number of poles | 1 |
| design of pole | 1P |
| tripping characteristic class | C |
| mechanical service life (operating cycles) | |
| • typical | 8 500 |
| overvoltage category | III |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | DC |
| Supply voltage | |
| operating voltage | |
| • at DC rated value maximum | 220 V |
| Protection class | |
| protection class IP | IP20, with connected conductors |
| suitability for operation | Residential buildings/infrastructure |
| Product details | |
| 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 mm ² |
| • maximum | 25 mm ² |
| connectable conductor cross-section stranded | |
| • minimum | 0.75 mm ² |
| • maximum | 25 mm ² |
| connectable conductor cross-section finely stranded with core end processing | |
| • minimum | 0.75 mm ² |
| • maximum | 25 mm ² |
| tightening torque with screw-type terminals | |
| • minimum | 2.5 N·m |
| • maximum | 3 N·m |
| Mechanical Design | |
| height | 90 mm |
| width | 18 mm |
| depth | 76 mm |
| installation depth | 70 mm |
| number of modular width units | 1 |
| mounting position | any |
| net weight | 154 g |
| Environmental conditions | |
| vibration resistance according to IEC 60068-2-6 | no |
| ambient temperature during operation | |
| • minimum | -40 °C |

| | |
|------------------------------------|--------|
| • maximum | 70 °C |
| ambient temperature during storage | |
| • minimum | -40 °C |
| • maximum | 75 °C |

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



[Confirmation](#)



[Miscellaneous](#)

[Confirmation](#)

| | | |
|-------|----------------|-------------|
| other | Dangerous Good | Environment |
|-------|----------------|-------------|

[Miscellaneous](#)

[Transport Information](#)

[Environmental Con-
firmations](#)

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
 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=5SL5163-7RC>
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/5SL5163-7RC>
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL5163-7RC
 CAx-Online-Generator
<http://www.siemens.com/cax>
 Tender specifications
<http://www.siemens.com/specifications>



