

Miniature circuit breaker 415 V 2-pole 10 kA D 63

| Model   |   |
|---|---|
| product brand name  | Betagard  |
| product designation   | Miniature circuit breaker   |
| General technical data  |   |
| number of poles   | 2   |
| design of pole  | 2P  |
| tripping characteristic class   | D   |
| 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 (U <sub>i</sub> )  |   |
| <ul style="list-style-type: none"> <li>with single-phase operation at AC rated value</li> <li>with multi-phase operation at AC rated value</li> </ul>   | 440 V<br>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><b>at 40 °C rated value</b></li> <li>at 50 °C rated value</li> <li>at 55 °C rated value</li> <li>at 60 °C rated value</li> </ul> </li> <li>operational current at AC rated value</li> </ul> | 63 A<br>59.22 A<br>54.81 A<br>52.92 A<br>51.03 A<br>63 A                                |
| Supply voltage  |   |
| supply voltage at AC  | 415 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> </ul>  | 440 V   |
| 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  |
| Dissipation   |   |
| power loss [W] for rated value of the current at AC in hot operating state per pole   | 5.1 W   |
| suitability for operation   | Infrastructure / Industry   |
| 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   |
| Connections   |   |
| connectable conductor cross-section solid   |   |
| <ul style="list-style-type: none"> <li>minimum</li> <li>maximum</li> </ul>  | 0.75 mm <sup>2</sup><br>25 mm <sup>2</sup>  |
| connectable conductor cross-section stranded  |   |

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | 0.75 mm <sup>2</sup><br>25 mm <sup>2</sup> |
| <b>connectable conductor cross-section finely stranded with core end processing</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | 0.75 mm <sup>2</sup><br>25 mm <sup>2</sup> |
| <b>tightening torque with screw-type terminals</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>                                  | 2.5 N·m<br>3 N·m                           |

### Mechanical Design

|                               |           |
|-------------------------------|-----------|
| height                        | 90 mm     |
| width                         | 18 mm     |
| depth                         | 76 mm     |
| installation depth            | 70 mm     |
| number of modular width units | 2         |
| mounting position             | any       |
| Net Weight                    | 99 999 kg |

### Environmental conditions

|  |                 |
|--|-----------------|
| <b>ambient temperature during operation</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | -40 °C<br>70 °C |
| <b>ambient temperature during storage</b> <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>   | -40 °C<br>75 °C |

### Approvals Certificates

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

[Environmental Confirmations](#)

[Environmental Confirmations](#)



[Confirmation](#)



|                   |       |
|-------------------|-------|
| Test Certificates | other |
|-------------------|-------|

[Miscellaneous](#)

[Confirmation](#)



### 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=5SL7263-8RC>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)  
<https://support.industry.siemens.com/cs/ww/en/ps/5SL7263-8RC>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)  
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL7263-8RC](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL7263-8RC)
- 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=)





