

Miniature Circuit Breaker 4A 2-pole K characteristic 15kA

| Model  |                                 |
|--|---------------------------------|
| product brand name   | Betagard                        |
| product designation  | Miniature circuit breaker       |
| General technical data   |                                 |
| number of poles  | 2                               |
| design of pole   | 2P                              |
| tripping characteristic class  | K                               |
| mechanical service life (operating cycles)                                   |                                 |
| • typical  | 8 500                           |
| overvoltage category   | III                             |
| degree of pollution  | 3                               |
| Voltage  |                                 |
| type of voltage of the operating voltage                                     | AC                              |
| <b>insulation voltage (Ui)</b>   |                                 |
| • with single-phase operation at AC rated value                              | 440 V                           |
| • with multi-phase operation at AC rated value                               | 440 V                           |
| operational current  |                                 |
| • at 30 °C rated value   | 4.4 A                           |
| • at 40 °C rated value   | 4.2 A                           |
| • at 50 °C rated value   | 4 A                             |
| • at 55 °C rated value   | 3.9 A                           |
| • at 60 °C rated value   | 3.8 A                           |
| • at AC rated value  | 4 A                             |
| Supply voltage   |                                 |
| supply voltage at AC   | 415 V                           |
| value range of the supply voltage frequency                                  | 50/60 Hz                        |
| 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 |
| Breaking Capacity  |                                 |
| switching capacity current   |                                 |
| • according to EN 60898 rated value  | 15 kA                           |
| • according to IEC 60947-2 rated value                                       | 15 kA                           |
| energy limitation class  | NA                              |
| Product details  |                                 |
| <b>product feature</b>   |                                 |
| • halogen-free   | 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 |                                 |

|   |                      |
|---|----------------------|
| <ul style="list-style-type: none"> <li>• minimum</li> </ul> | 0.75 mm <sup>2</sup> |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul> | 25 mm <sup>2</sup>   |
| tightening torque with screw-type terminals                 |                      |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul> | 2.5 N·m              |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul> | 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 storage                          |                                     |
| <ul style="list-style-type: none"> <li>• minimum</li> </ul> | -40 °C                              |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul> | 75 °C                               |

#### Approvals Certificates

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

[Confirmation](#)



[Miscellaneous](#)

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[Environmental Confirmations](#)

#### 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=5SL7204-3RC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SL7204-3RC>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL7204-3RC](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL7204-3RC)

##### CAX-Online-Generator

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

##### Tender specifications

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





