



CIRCUIT BREAKER 230V 6KA, 1+N-POLE, B, 40A

Similar to image

### Technical data:

|  |    |       |
|--|----|-------|
| <b>Current / for AC / rated value</b>                              | A  | 40    |
| <b>Tripping characteristic class</b>                               |    | B     |
| <b>type of voltage</b>   |    | AC/DC |
| <b>Supply voltage</b>  |    |       |
| • for AC / rated value   | V  | 230   |
| • with single-phase operation / with AC / rated value              | V  | 230   |
| <b>Operating voltage</b>   |    |       |
| • minimum  | V  | 24    |
| • with single-phase operation / with AC / maximum                  | V  | 250   |
| • for DC / rated value / maximum                                   | V  | 60    |
| <b>Supply voltage frequency / rated value</b>                      | Hz | 50    |
| <b>Number of poles</b>   |    | 2     |
| <b>Number of poles /note</b>                                       |    | 1P+N  |
| <b>Switching capacity current</b>                                  |    |       |
| • in accordance with IEC 60947-2 / rated value                     | kA | 6     |
| • acc. to EN 60898 / rated value                                   | kA | 6     |
| <b>Number of pitch units for width</b>                             |    | 2     |
| <b>Product extension / can be installed / supplementary device</b> |    | Yes   |

|  |                 |                                       |
|--|-----------------|---------------------------------------|
| <b>Product feature / sealable</b>  |                 | Yes                                   |
| <b>Built in orientation</b>  |                 | any                                   |
| <b>Protection class IP</b>   |                 | IP20, with connected conductors       |
| <b>Degree of pollution</b>   |                 | 2                                     |
| <b>Ambient temperature</b>   |                 |                                       |
| • minimum  | °C              | -25                                   |
| • maximum  | °C              | 45                                    |
| <b>Influence of the surrounding temperature</b>  |                 | Periodically +55°C, max. 95% humidity |
| <b>Ambient temperature / during storage</b>  |                 |                                       |
| • minimum  | °C              | -40                                   |
| • maximum  | °C              | 75                                    |
| <b>Mechanical operating cycles as operating time / typical</b>                               |                 | 20,000                                |
| <b>Product equipment / touch-protection</b>  |                 | Yes                                   |
| <b>Insulation voltage</b>  |                 |                                       |
| • with single-phase operation / with AC / rated value  | V               | 250                                   |
| <b>Section de conducteur raccordable</b>   |                 |                                       |
| • solid  |                 |                                       |
| • minimum  | mm <sup>2</sup> | 0.75                                  |
| • maximum  | mm <sup>2</sup> | 35                                    |
| • multibrin  |                 |                                       |
| • minimum  | mm <sup>2</sup> | 0.75                                  |
| • maximum  | mm <sup>2</sup> | 35                                    |
| • finely stranded / with wire end processing   |                 |                                       |
| • minimum  | mm <sup>2</sup> | 0.75                                  |
| • maximum  | mm <sup>2</sup> | 25                                    |
| <b>Tightening torque / with screw-type terminals</b>   |                 |                                       |
| • minimum  | N·m             | 2.5                                   |
| • maximum  | N·m             | 3                                     |
| <b>Product feature</b>   |                 |                                       |
| • [not supplied - silicon-free]  |                 | Yes                                   |
| • halogen-free   |                 | Yes                                   |
| <b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b> |                 | 6                                     |

#### Certificates/approvals:

General Product Approval

Declaration of  
Conformity

other

[CEBEC](#)

[ROSTEST](#)



[Manufacturer](#)

[other](#)

#### Further information:

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

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

##### Industry Mall (Online ordering system)

<http://www.siemens.com/lowvoltage/mall>

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

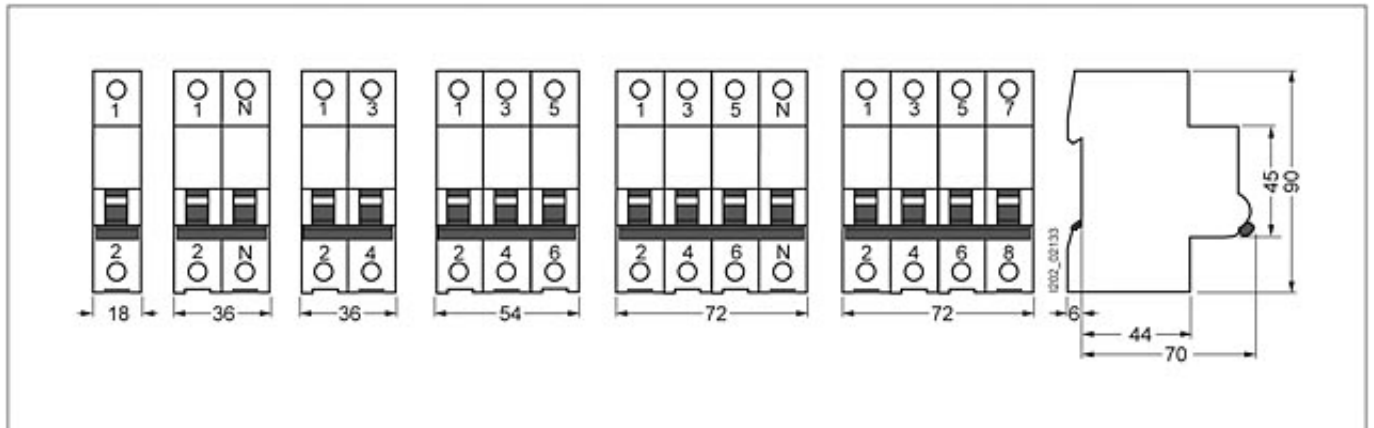
<http://support.automation.siemens.com/WW/view/en/5SL6540-6/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL6540-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6540-6)

##### CAX-Online-Generator

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



last change:

Dec 10, 2011