



CIRCUIT BREAKER 230/400V 6KA, 1POLE, B, 6A

Similar to image

Technical data:

| | | |
|---|----|-------|
| Current / for AC / rated value | A | 6 |
| Tripping characteristic class | | B |
| type of voltage | | AC/DC |
| Supply voltage | | |
| • for AC / rated value | V | 400 |
| • with single-phase operation / with AC / rated value | V | 230 |
| • with multi-phase operation / with AC / rated value | V | 400 |
| Operating voltage | | |
| • minimum | V | 24 |
| • with single-phase operation / with AC / maximum | V | 250 |
| • with multi-phase operation / with AC / maximum | V | 440 |
| • for DC / rated value / maximum | V | 60 |
| Supply voltage frequency / rated value | Hz | 50 |
| Number of poles | | 1 |
| Number of poles /note | | 1P |
| Switching capacity current | | |
| • in accordance with IEC 60947-2 / rated value | kA | 6 |
| • acc. to EN 60898 / rated value | kA | 6 |

| | | |
|--|-----|---------------------------------------|
| Number of pitch units for width | | 1 |
| Product extension / can be installed / supplementary device | | Yes |
| Product feature / sealable | | Yes |
| Built in orientation | | any |
| Protection class IP | | IP20, with connected conductors |
| Degree of pollution | | 2 |
| Ambient temperature | | |
| • minimum | °C | -25 |
| • maximum | °C | 45 |
| Influence of the surrounding temperature | | Periodically +55°C, max. 95% humidity |
| Ambient temperature / during storage | | |
| • minimum | °C | -40 |
| • maximum | °C | 75 |
| Mechanical operating cycles as operating time / typical | | 20,000 |
| Product equipment / touch-protection | | Yes |
| Insulation voltage | | |
| • with single-phase operation / with AC / rated value | V | 440 |
| • with multi-phase operation / with AC / rated value | V | 440 |
| Section de conducteur raccordable | | |
| • solid | | |
| • minimum | mm² | 0.75 |
| • maximum | mm² | 35 |
| • multibrin | | |
| • minimum | mm² | 0.75 |
| • maximum | mm² | 35 |
| • finely stranded / with wire end processing | | |
| • minimum | mm² | 0.75 |
| • maximum | mm² | 25 |
| Tightening torque / with screw-type terminals | | |
| • minimum | N·m | 2.5 |
| • maximum | N·m | 3 |
| Product feature | | |
| • [not supplied - silicon-free] | | Yes |
| • halogen-free | | Yes |
| Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30 | | 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,...)

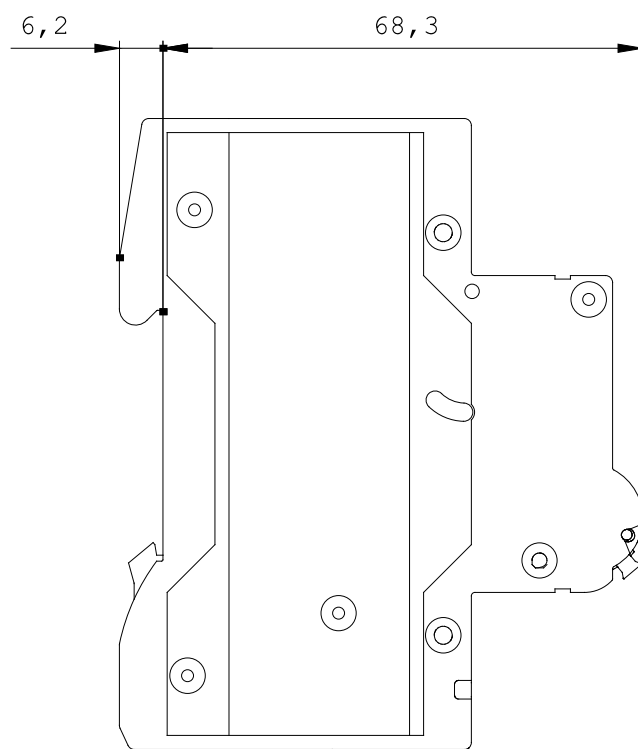
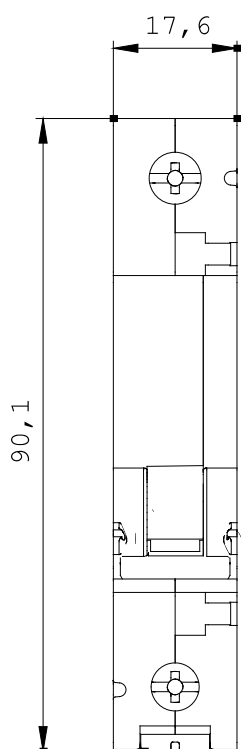
<http://support.automation.siemens.com/WW/view/en/5SL6106-6/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6106-6

CAX-Online-Generator

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



last change:

Dec 10, 2011