



CIRCUIT BREAKER 230/400V 6KA, 1-POLE,
B, 6A, D=70MM

Similar to image

Technical data:

| | | |
|---|----|---------------------------------|
| Overvoltage class | | 3 |
| type of voltage | | AC/DC |
| Tripping characteristic class | | B |
| Degree of pollution | | 3 |
| Mounting depth | mm | 70 |
| Energy limiting class | | 3 |
| Number of poles | | 1 |
| Number of pitch units for width | | 1 |
| Product function / n-switching | | No |
| Supply voltage frequency / rated value | Hz | 50 |
| Switching capacity current / in accordance with IEC 60947-2 / rated value | kA | 30 |
| Breaking capacity current / acc. to EN 60898 / rated value | kA | 6 |
| Supply voltage / for AC / rated value | V | 400 |
| Current / for AC / rated value | A | 6 |
| Protection class IP | | IP20, with connected conductors |
| Product extension / can be installed / supplementary device | | Yes |
| power loss | | - |

| | | |
|---|---|---------------------------|
| Operational voltage Um | | - |
| rated current In | | - |
| Rated make-break capacity Icn | | - |
| Rated service short-circuit breaking capacity Ics | | - |
| Rated ultimate short-circuit breaking capacity Icu | | - |
| Tripping characteristics Number | | - |
| Tripping characteristic/-class Conventional tripping current I2, (x In) | | - |
| rated current In IEC, DIN/VDE | | - |
| Tripping characteristic/-class Test current I4, hold (x In) | | - |
| rated current In / IEC, DIN/VDE | | |
| • at 30 Cel | A | 6 |
| • at 40 Cel | A | 5.64 |
| • at 45 Cel | A | 5.418 |
| • at 50 Cel | A | 5.19 |
| • at 55 Cel | A | 4.968 |
| • at 60 Cel | A | 4.74 |
| Resistance against shock / according to IEC 60068-2-27 | | 150m/s² at 11ms half-sine |

Certificates/approvals:

General Product Approval

Declaration of Conformity



[IMQ](#)

[ROSTEST](#)



[Manufacturer](#)

Shipping Approval

other



[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/5SY6106-6/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY6106-6

CAX-Online-Generator

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





last change:

Nov 3, 2011