



CIRCUIT BREAKER 400V 6KA, 2-POLE, B,  
20A, 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   |    | 2                               |
| Number of pitch units for width   |    | 2                               |
| Product function / n-switching  |    | No                              |
| Supply voltage frequency / rated value                                    | Hz | 50                              |
| Switching capacity current / in accordance with IEC 60947-2 / rated value | kA | 15                              |
| 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  | 20                              |
| 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 | 20                        |
| • at 40 Cel   | A | 19.2                      |
| • at 45 Cel   | A | 18.6                      |
| • at 50 Cel   | A | 18                        |
| • at 55 Cel   | A | 17.4                      |
| • at 60 Cel   | A | 16.8                      |
| 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/5SY6220-6/all>

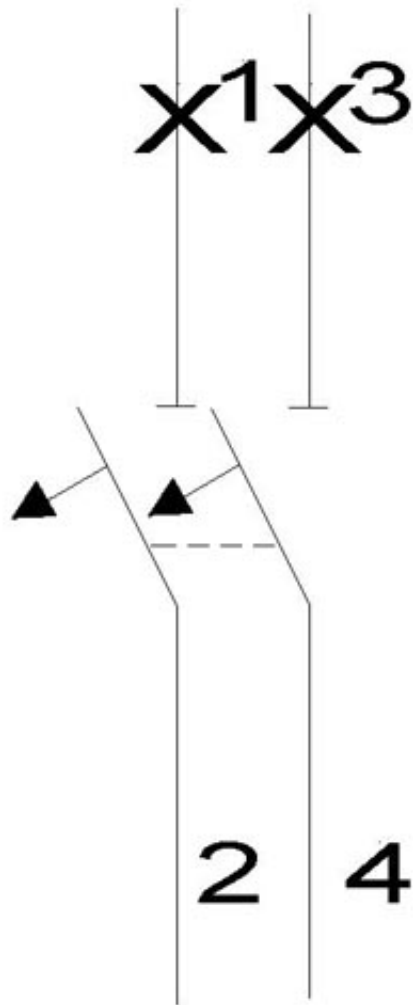
##### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SY6220-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY6220-6)

##### CAX-Online-Generator

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





last change:

Nov 3, 2011