

CIRCUIT BREAKER 400V 6KA, 4POLE, C, 25A



Similar to image

| Technical data:                                      |    |     |
|------------------------------------------------------|----|-----|
| mounting position                                    |    | any |
| Height                                               | mm | 90  |
| Width                                                | mm | 36  |
| Depth                                                | mm | 76  |
| Mounting depth                                       | mm | 70  |
| Current / for AC / rated value                       | A  | 25  |
| Tripping characteristic class                        |    | C   |
| Supply voltage                                       |    |     |
| • for AC / rated value                               | V  | 400 |
| • with multi-phase operation / with AC / rated value | V  | 400 |
| Supply voltage frequency / rated value               | Hz | 50  |
| Operating voltage                                    |    |     |
| • minimum                                            | V  | 24  |
| • with multi-phase operation / with AC / maximum     | V  | 440 |
| • for DC / rated value / maximum                     | V  | 60  |
| Number of poles                                      |    | 4   |
| Number of poles /note                                |    | 4P  |
| Switching capacity current                           |    |     |

|                                                                                                                                   |                                                       |                                           |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|
| • in accordance with IEC 60947-2 / rated value                                                                                    | kA                                                    | 6                                         |
| • acc. to EN 60898 / rated value                                                                                                  | kA                                                    | 6                                         |
| <b>Active power loss / at rated value current / with AC / in warm operating state / per pole</b>                                  | W                                                     | 2.3                                       |
| <b>Number of pitch units for width</b>                                                                                            |                                                       | 4                                         |
| <b>Product feature / sealable</b>                                                                                                 |                                                       | Yes                                       |
| <b>Protection class IP</b>                                                                                                        |                                                       | IP20, with connected conductors           |
| <b>Degree of pollution</b>                                                                                                        |                                                       | 2                                         |
| <b>Influence of the surrounding temperature</b>                                                                                   |                                                       | Periodically +55°C, max. 95% humidity     |
| <b>Ambient temperature</b>                                                                                                        | °C                                                    | -25 ... +45                               |
| <b>Ambient temperature / during storage</b>                                                                                       | °C                                                    | -40 ... +75                               |
| <b>Mechanical operating cycles as operating time / typical</b>                                                                    |                                                       | 20,000                                    |
| <b>Product equipment / touch-protection</b>                                                                                       |                                                       | Yes                                       |
| <b>type of voltage</b>                                                                                                            |                                                       | AC/DC                                     |
| <b>Insulation voltage</b><br>• with multi-phase operation / with AC / rated value                                                 | V                                                     | 440                                       |
| <b>Conductor cross-section that can be connected</b><br>• solid<br>• multibrin<br>• finely stranded<br>• with wire end processing | mm <sup>2</sup><br>mm <sup>2</sup><br>mm <sup>2</sup> | 0.75 ... 35<br>0.75 ... 35<br>0.75 ... 25 |
| <b>Tightening torque</b><br>• with screw-type terminals                                                                           | N·m                                                   | 2.5 ... 3                                 |
| <b>Product feature</b><br>• [not supplied - silicon-free]<br>• halogen-free                                                       |                                                       | Yes<br>Yes                                |
| <b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>                                      |                                                       | 6                                         |
| <b>Item designation / according to DIN EN 61346-2</b>                                                                             |                                                       | F                                         |
| <b>Device tag / according to DIN EN 81346-2</b>                                                                                   |                                                       | F                                         |

#### Certificates/approvals:

##### General Product Approval

##### Declaration of Conformity



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other

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#### Further information:

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

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

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**Industry Mall (Online ordering system)**

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

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

<http://support.automation.siemens.com/WW/view/en/5SL6425-7/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL6425-7](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6425-7)

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**CAX-Online-Generator**

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

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**Tender specifications**

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last change:

Feb 18, 2013