SIEMENS

## Data sheet 5SP4392-7



Figure similar

Miniature circuit breaker 400 V 10kA, 3-pole, C, 125 A, D=70 mm

| | |
|---|---|
| **Model** | |
| **product brand name** | SENTRON |
| **product designation** | Miniature circuit breaker |
| **General technical data** | |
| **number of poles** | 3 |
| **design of pole** | 3P |
| **tripping characteristic class** | C |
| **mechanical service life (operating cycles) typical** | 10 000 |
| **overvoltage category** | 3 |
| **degree of pollution** | 3 |
| **Voltage** | |
| **type of voltage of the operating voltage** | AC |
| **insulation voltage (Ui)** | |
| **• at AC rated value** | 440 V |
| **• with multi-phase operation at AC rated value** | 440 V |
| **• operational current** | |
| **— at 30 °C rated value** | 125 A |
| **— at 40 °C rated value** | 118.75 A |
| **— at 50 °C rated value** | 111.875 A |
| **— at 60 °C rated value** | 105 A |
| **• operational current at AC rated value** | 125 A |
| **Supply voltage** | |
| supply voltage at AC | 400 V |
| **value range of the supply voltage frequency** | 50/60 Hz |
| **Protection class** | |
| **protection class IP** | IP20 with connected conductors, IP40 in the area of the handle with distribution cover |
| **Breaking Capacity** | |
| **switching capacity current** | |
| • according to EN 60898 rated value | 10 kA |
| **energy limitation class** | 3 |
| **Dissipation** | |
| **power loss [W] for rated value of the current at AC in hot operating state per pole** | 10.9 W |
| **suitability for operation** | Infrastructure / Industry |
| **Product details** | |
| **product feature touch protection** | Yes |


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| | |
|---|---|
| **product component** | |
| ● **tunnel terminals top** | Yes |
| ● **tunnel terminals bottom** | Yes |
| **product feature properties for main switches in accordance with EN 60204-1** | Yes |
| **product feature halogen-free** | Yes |
| **product feature sealable** | Yes |
| **product feature silicon-free** | Yes |
| **product extension installable supplementary devices** | Yes |
| **Connections** | |
| **connectable conductor cross-section solid** | |
| ● minimum | 25 mm² |
| ● maximum | 50 mm² |
| **connectable conductor cross-section stranded** | |
| ● minimum | 25 mm² |
| ● maximum | 50 mm² |
| **connectable conductor cross-section finely stranded with core end processing** | |
| ● minimum | 25 mm² |
| ● maximum | 35 mm² |
| **AWG number as coded connectable conductor cross section** | |
| ● minimum | 3 |
| ● maximum | 1 |
| **tightening torque [lbf·in] with screw-type terminals** | |
| ● minimum | 22.1 lbf·in |
| ● maximum | 31 lbf·in |
| **tightening torque with screw-type terminals** | |
| ● minimum | 2.5 N·m |
| ● maximum | 3.5 N·m |
| **position of power supply cord** | Any |
| **Mechanical Design** | |
| **height** | 90 mm |
| **width** | 81 mm |
| **depth** | 76 mm |
| **installation depth** | 70 mm |
| **number of modular width units** | 4.5 |
| **fastening method** | DIN-rail mounting |
| **mounting position** | any |
| **Net Weight** | 789 g |
| **Environmental conditions** | |
| **influence of the surrounding temperature** | Max. 95% rel. humidity |
| shock resistance according to IEC 60068-2-27 | 150m/s² at 11ms half-sine |
| **vibration resistance according to IEC 60068-2-6** | 50m/s² at 25 to 150Hz and 60m/s² at 35Hz (4sec) |
| **ambient temperature during storage** | |
| ● minimum | -40 °C |
| ● maximum | 75 °C |

**Approvals Certificates**

| **Environment** | | **General Product Approval** | | | |
|---|---|---|---|---|---|
| Environmental Con-firmations | Environmental Con-firmations | EPD | CEBEC | CCC | cULus |

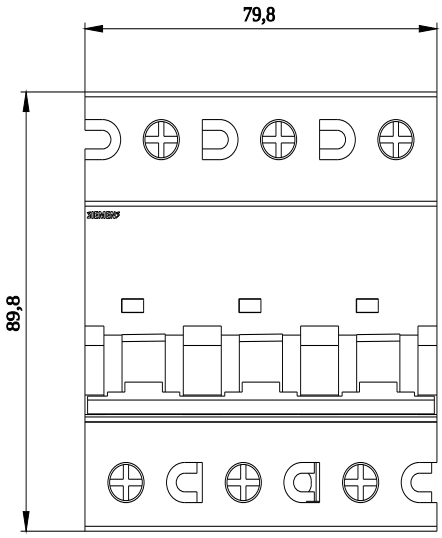
| **General Product Approval** | **Maritime application** |
|---|---|

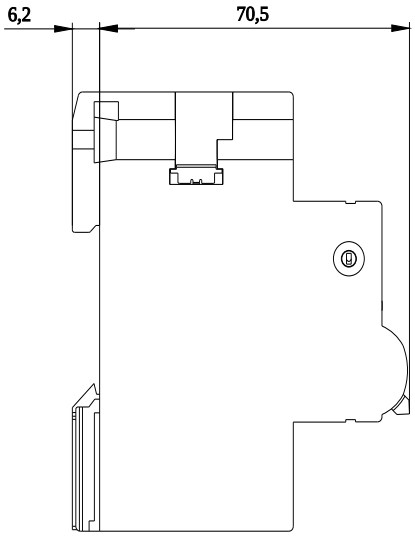

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| Maritime application | other | | | Railway | Dangerous goods |
|---|---|---|---|---|---|
| | | Confirmation | Miscellaneous | Confirmation | Transport Information |

## Further information

**Information on the packaging**
https://support.industry.siemens.com/cs/ww/en/view/109813875
**Information for data generation and storage**
https://support.industry.siemens.com/cs/ww/en/view/109995012
**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.siemens.com/lowvoltage/catalogs
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SP4392-7
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5SP4392-7
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP4392-7
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/5SP4392-7




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