SIEMENS

Data sheet

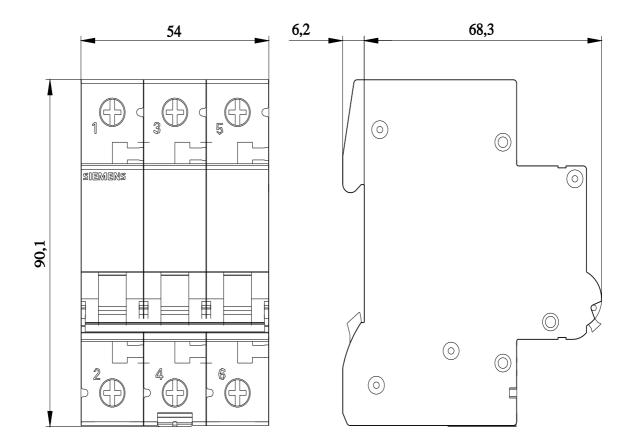
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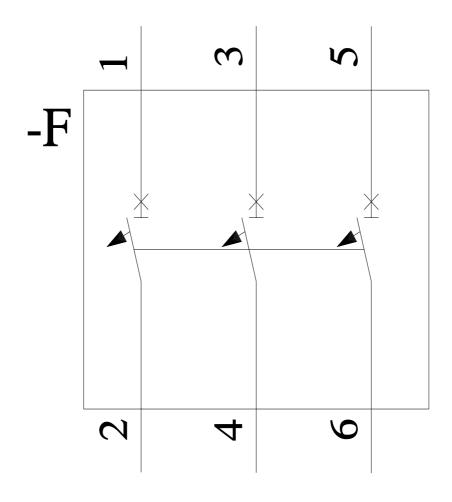


Miniature circuit breaker 400 V 6kA, 3-pole, C, 16A

| Model | |
|---|--------------------------------------|
| product brand name | SENTRON |
| product designation | Miniature circuit breaker |
| General technical data | |
| number of poles | 3 |
| design of pole | 3P |
| tripping characteristic class | С |
| mechanical service life (operating cycles) typical | 10 000 |
| overvoltage category | III |
| degree of pollution | 2 |
| Voltage | |
| type of voltage of the operating voltage | AC |
| insulation voltage (Ui) | |
| with multi-phase operation at AC rated value | 440 V |
| Supply voltage | |
| supply voltage at AC rated value | 400 V |
| value range of the supply voltage frequency | 50/60 Hz |
| operating voltage | |
| with multi-phase operation at AC maximum | 440 V |
| at DC rated value maximum | 72 V |
| Protection class | |
| protection class IP | IP20, with connected conductors |
| Switching capacity | |
| switching capacity current | |
| according to EN 60898 rated value | 6 kA |
| according to IEC 60947-2 rated value | 6 kA |
| energy limitation class | 3 |
| Dissipation | |
| power loss [W] for rated value of the current at AC in hot operating state per pole | 1.8 W |
| suitability for operation | Residential buildings/infrastructure |
| Product details | |
| product feature | |
| halogen-free | Yes |
| • sealable | Yes |
| • silicon-free | Yes |
| product extension installable supplementary devices | Yes |
| Connections | |
| connectable conductor cross-section solid | |
| • minimum | 0.75 mm² |

| maximum | | 25 m | าm² | | | |
|--|--|--|---|-----|--------------------------------|--|
| connectable conductor | cross-section stranded | | | | | |
| • minimum | | 0.75 | 0.75 mm² | | | |
| • maximum | | 25 m | 1m² | | | |
| connectable conductor end processing | cross-section finely strand | ed with core | | | | |
| • minimum | | 0.75 | mm² | | | |
| • maximum | | 25 m | 25 mm ² | | | |
| tightening torque with se | crew-type terminals | | | | | |
| • minimum | | | 2.5 N·m | | | |
| maximum | | 3 N·I | m | | | |
| Mechanical Design | | | | | | |
| height | | | | | | |
| width | | | 90 mm 54 mm | | | |
| | | | | | | |
| installation depth | depth | | 76 mm | | | |
| • | | | 70 mm | | | |
| number of modular widt | | 3 | | | | |
| mounting position | | | any | | | |
| net weight | | 345 | 345 g | | | |
| Environmental condition | ns | | | | | |
| ambient temperature du | uring operation | | | | | |
| • minimum | | -25 ° | °C | | | |
| maximum | | 45 °(| С | | | |
| ambient temperature du | uring storage | | | | | |
| minimum | | -40 ° | O. | | | |
| maximum | | 75 °(| C | | | |
| General Product App | roval | | | | Declaration of Con- formity | |
| | <u>Confirmation</u> | VDE | ISE | EHC | CE EG-Konf. | |
| Declaration of Con- formity | other | | Environment | | | |
| UK CA | Confirmation | <u>Miscellaneous</u> | Environmental Con- firmations | | | |
| Further information Siemens has decided | to exit the Russian mark | (et (see here). | scian-husinass | | | |
| Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Down http://www.siemens.com Industry Mall (Online of https://mall.industry.sier Service&Support (Mar https://support.industry. Image database (prod | ther than the sanctioned E ckaging siemens.com/cs/ww/en/vie nloadcenter (Catalogs, E n/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Cata nuals, Certificates, Chara siemens.com/cs/ww/en/ps uct images, 2D dimensio siemens.com/bilddb/cax_e | tatus of validity of the EA EAEU member states Ru ew/109813875 Brochures,) alog/product?mlfb=5SL63 acteristics, FAQs,) 5/5SL6316-7 on drawings, 3D models | <u>316-7</u> s, device circuit diagrams, | | ply these products to an | |





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