SIEMENS

## Data sheet 5TJ6316-7



SINOPLUS, Miniature Circuit Breaker 415V 6kA, 3-pole C, 16 A

| | |
|---|---|
| **Model** | |
| **product brand name** | SINOPLUS |
| **General technical data** | |
| **number of poles** | 3 |
| **design of pole** | 3P |
| **tripping characteristic class** | C |
| **overvoltage category** | 3 |
| **degree of pollution** | 2 |
| **operational current at AC rated value** | 16 A |
| **Supply voltage** | |
| **value range of the supply voltage frequency** | 50/60 Hz |
| **value range of the supply voltage at AC** | 240/415 V |
| **protection class IP** | IP20, with connected conductors |
| **switching capacity current** | |
| ● according to EN 60898 rated value | 6 kA |
| **energy limitation class** | 3 |
| **power loss [W]** | |
| **● for rated value of the current at AC in hot operating state per pole** | 3 W |
| **● maximum** | 8 W |
| **product feature silicon-free** | Yes |
| **product extension installable supplementary devices** | No |
| **connectable conductor cross-section solid** | |
| ● minimum | 1 mm² |
| ● maximum | 25 mm² |
| **connectable conductor cross-section stranded** | |
| ● minimum | 1 mm² |
| ● maximum | 25 mm² |
| **tightening torque with screw-type terminals** | |
| ● minimum | 2 N·m |
| ● maximum | 2 N·m |
| **position of power supply cord** | Any |
| **height** | 84 mm |
| **width** | 54 mm |
| **depth** | 76 mm |
| **installation depth** | 70 mm |
| **number of modular width units** | 3 |
| **fastening method** | DIN rail |
| **mounting position** | any |


Subject to change without notice
© Copyright Siemens

| | |
|---|---|
| **Net Weight** | 276 g |
| **ambient temperature during operation** | |
| ● minimum | -25 °C |
| ● maximum | 55 °C |
| **ambient temperature during storage** | |
| ● minimum | -40 °C |
| ● maximum | 75 °C |
| **reference code according to IEC 81346-2** | F |

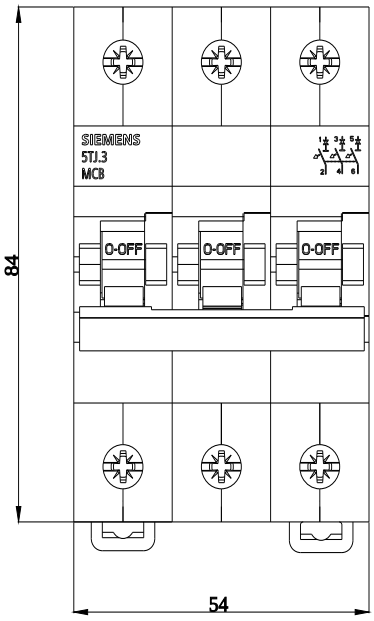
## Approvals Certificates

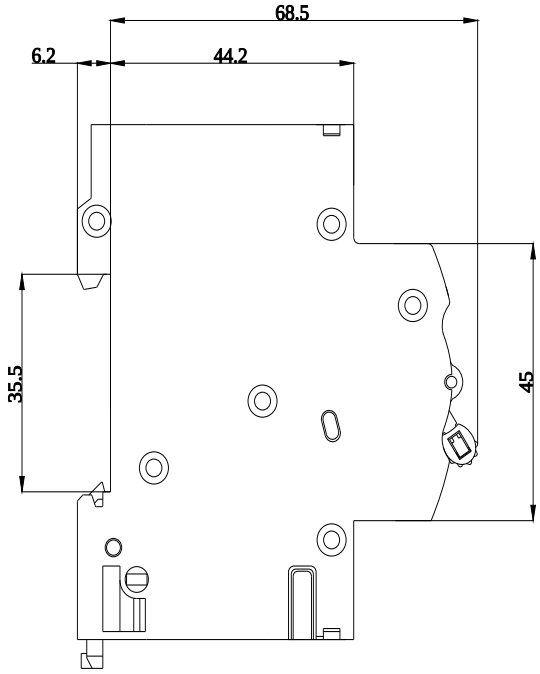
| General Product Approval | Test Certificates |
|---|---|
| AR | Type Examination Certificate |

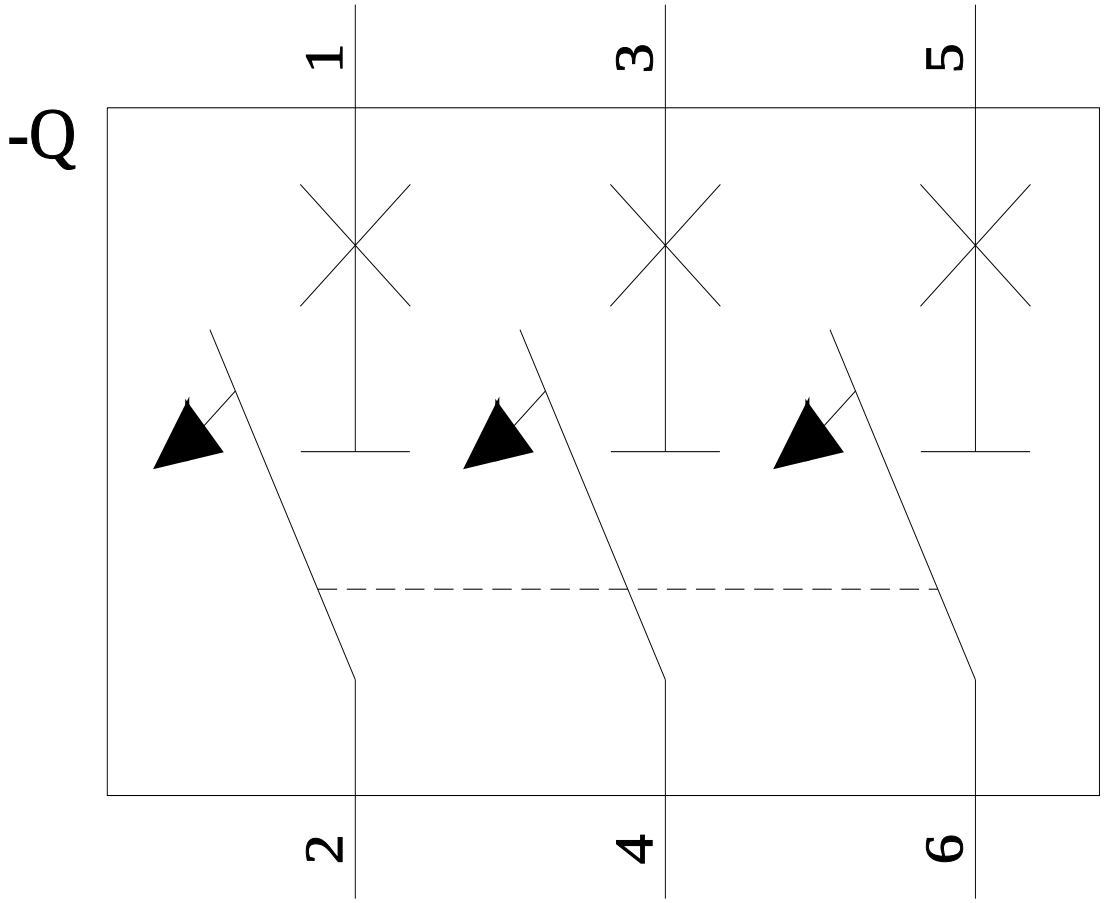
## Further information

**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=5TJ6316-7
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5TJ6316-7
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TJ6316-7
**CAx-Online-Generator**
https://www.siemens.com/cax
**Tender specifications**
https://www.siemens.com/specifications
**Kennlinien**
https://curves.simaris.siemens.com/curves/5TJ6316-7


Subject to change without notice
© Copyright Siemens




**last modified:** 11/28/2025


Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens

Subject to change without notice
© Copyright Siemens