



FI/LS-PROTECTOR TYPE A (PSE/SSF), D=70MM IFN
30MA,10KA, 1+N-POLEE C 16A

Figure similar

| Model | | |
|---|----|---|
| product brand name | | SENTRON |
| Product designation | | RCBO |
| Design of the product | | Instantaneous |
| version | | RCCB/MCB |
| General technical data | | |
| Number of poles | | 2 |
| Number of poles / Note | | 1P+N |
| Number of poles / with protection | | 1 |
| Tripping characteristic class | | C |
| circuit-breaker / Design | | 5SU1 |
| Mechanical service life (switching cycles) / typical | | 10 000 |
| Overvoltage category | | III |
| Voltage | | |
| Surge current resistance / at (8/20) μs | kA | 1 |
| Supply voltage | | |
| Supply voltage frequency / Rated value | Hz | 50 |
| Protection class | | |
| Protection class IP | | IP20, if the distribution board is installed, with connected conductors |
| Energy limiting class | | 3 |
| Switching capacity | | |
| Switching capacity current | | |

- acc. to EN 60898 / Rated value
- acc. to IEC 60947-2 / Rated value

| | |
|----|----|
| kA | 10 |
| kA | 15 |

Dissipation

Active power loss

- for rated value of the current / with AC / in hot operating state / per pole

| | |
|---|-----|
| W | 2.8 |
|---|-----|

Electricity

Tripping residual current / Rated value

rated current I_n / IEC, DIN/VDE / at 40 Cel

Current / with AC / Rated value

| | |
|----|------|
| mA | 30 |
| A | 15.2 |
| A | 16 |

Product details

Product feature / Touch protection

Product property

- halogen-free
- silicon-free

| |
|-----|
| Yes |
| Yes |
| Yes |

Product function

Product function / neutral conductor switching

| |
|-----|
| Yes |
|-----|

Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30

| |
|----|
| 26 |
|----|

Connections

Connectable conductor cross-section / stranded

- minimum
- maximum

| | |
|-----------------|------|
| mm ² | 0.75 |
| mm ² | 35 |

Connectable conductor cross-section

- solid
 - minimum
 - maximum
- finely stranded / with core end processing
 - minimum
 - maximum

| | |
|-----------------|------|
| mm ² | 0.75 |
| mm ² | 35 |
| mm ² | 0.75 |
| mm ² | 25 |

Tightening torque / with screw-type terminals

- minimum
- maximum

| | |
|-----|-----|
| N·m | 2.5 |
| N·m | 3 |

Position / of power supply cord

| |
|----------------------|
| Either top or bottom |
|----------------------|

Mechanical Design

Height

Width

Depth

mounting position

| | |
|----|-----|
| mm | 90 |
| mm | 36 |
| mm | 77 |
| | any |

| | | |
|-----------------------|----|----|
| Installation depth | mm | 70 |
| Number of width units | | 2 |

Environmental conditions

| | | |
|--|----|-------------------|
| Influence of the surrounding temperature | | Max. 95% humidity |
| Ambient temperature | | |
| • minimum | °C | -25 |
| • maximum | °C | 55 |
| • during storage / minimum | °C | -40 |
| • during storage / maximum | °C | 75 |

Certificates

| | | |
|--------------------------|--|---|
| Equipment marking | | |
| • acc. to DIN EN 61346-2 | | F |
| • acc. to DIN EN 81346-2 | | F |

General Product Approval



CCC



IMQ



ÖVE



GOST



VDE

[other](#)

| | | |
|--------------------------|---------------------------|-------|
| General Product Approval | Declaration of Conformity | other |
|--------------------------|---------------------------|-------|



EG-Konf.

[Environmental Confirmations](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SU13547KK16>

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

<http://support.automation.siemens.com/WW/view/en/5SU13547KK16/all>

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

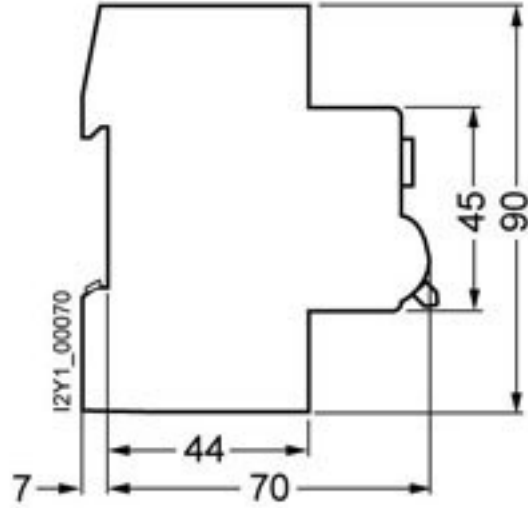
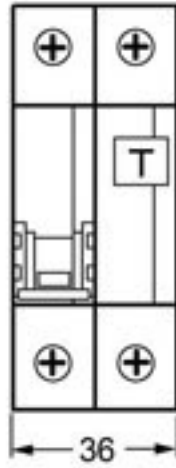
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU13547KK16

CAX-Online-Generator

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

Tender specifications

<http://ausschreibungstexte.siemens.com/tiplv>



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