

FI/LS-PROTECTOR TYPE A (PSE), D=70MM IFN
300MA, 10KA, 4-POLEE C 125A



Figure similar

| Model | | |
|---|----|---|
| product brand name | | SENTRON |
| Product designation | | RCBO |
| Design of the product | | Instantaneous |
| version | | RCCB/MCB |
| General technical data | | |
| Number of poles | | 4 |
| Number of poles / Note | | 4P |
| Number of poles / with protection | | 4 |
| 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 |

Electricity

| | | |
|--|----|--------|
| Tripping residual current / Rated value | mA | 300 |
| rated current I_n / IEC, DIN/VDE / at 40 Cel | A | 115.62 |
| Current / with AC / Rated value | A | 125 |

Product details

| | | |
|------------------------------------|--|-----|
| Product feature / Touch protection | | Yes |
| Product property | | |
| • halogen-free | | Yes |
| • silicon-free | | 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 | mm ² | 6 |
| • maximum | mm ² | 50 |
| Connectable conductor cross-section | | |
| • solid | | |
| — minimum | mm ² | 6 |
| — maximum | mm ² | 50 |
| • finely stranded / with core end processing | | |
| — minimum | mm ² | 6 |
| — maximum | mm ² | 35 |
| Tightening torque / with screw-type terminals | | |
| • minimum | N·m | 3 |
| • maximum | N·m | 3.5 |
| Position / of power supply cord | | Either top or bottom |

Mechanical Design

| | | |
|------------------------------|----|-----|
| Height | mm | 90 |
| Width | mm | 198 |
| Depth | mm | 77 |
| mounting position | | any |
| Installation depth | mm | 70 |
| Number of width units | | 11 |

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



[other](#)

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/5SU16447KK82>

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

<http://support.automation.siemens.com/WW/view/en/5SU16447KK82/all>

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

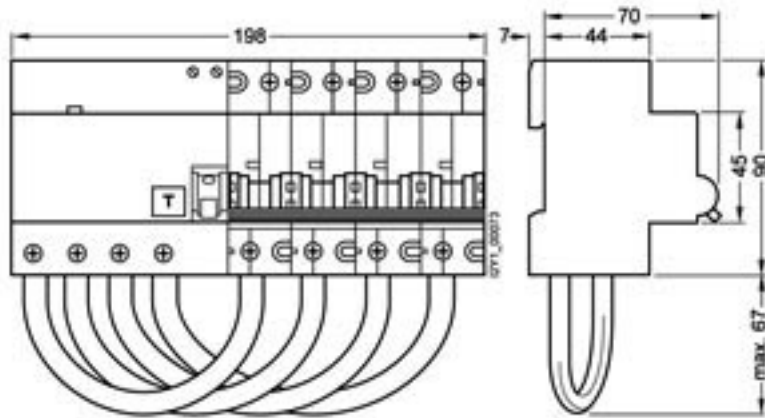
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SU16447KK82

CAX-Online-Generator

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

Tender specifications

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



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