



RES.CURR. OP.CIRC. BR. SIGRES TYPE A PSE/SSF 40A  
3+N-POL IFN 300MA 400V 4MW FOR SPECIAL ENVIRON.  
CONDITIONS

Similar to image

| Technical data:                                                                             |     |                              |
|---------------------------------------------------------------------------------------------|-----|------------------------------|
| mounting position                                                                           |     | any                          |
| Height                                                                                      | mm  | 90                           |
| Width                                                                                       | mm  | 72                           |
| Depth                                                                                       | mm  | 77                           |
| Design of the product                                                                       |     | Instantaneous                |
| Supply voltage / for AC / rated value                                                       | V   | 400                          |
| Resistance against the impulse current / rated value                                        | kA  | 1                            |
| Ambient temperature                                                                         | °C  | -25 ... +45                  |
| Ambient temperature <ul style="list-style-type: none"><li>during storage</li></ul>          | °C  | -40 ... +75                  |
| Mechanical operating cycles as operating time / typical                                     |     | 10,000                       |
| Overvoltage class                                                                           |     | III                          |
| Supply voltage / for testing equipment / minimum                                            | V   | 100                          |
| Protection against electrical shock                                                         |     | Finger and back-of-hand safe |
| Position / of power supply cord                                                             |     | bottom                       |
| Tightening torque <ul style="list-style-type: none"><li>with screw-type terminals</li></ul> | N·m | 2.5 ... 3                    |
| Section de conducteur raccordable                                                           |     |                              |

|                                                                                              |                 |            |
|----------------------------------------------------------------------------------------------|-----------------|------------|
| • solid                                                                                      | mm <sup>2</sup> | 1.5 ... 25 |
| • multibrin                                                                                  | mm <sup>2</sup> | 1.5 ... 25 |
| <b>Product feature</b>                                                                       |                 |            |
| • [not supplied - silicon-free]                                                              |                 | Yes        |
| • halogen-free                                                                               |                 | Yes        |
| <b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b> |                 | 28         |
| <b>Device tag</b>                                                                            |                 |            |
| • according to DIN EN 61346-2                                                                |                 | F          |
| • according to DIN EN 81346-2                                                                |                 | F          |

#### Certificates/approvals:

##### General Product Approval

##### Declaration of Conformity



[other](#)



other

[other](#)

[Environmental  
Confirmations](#)

#### Further information:

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

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

##### Industry Mall (Online ordering system)

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

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

<http://support.automation.siemens.com/WW/view/en/5SM3644-6KK12/all>

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

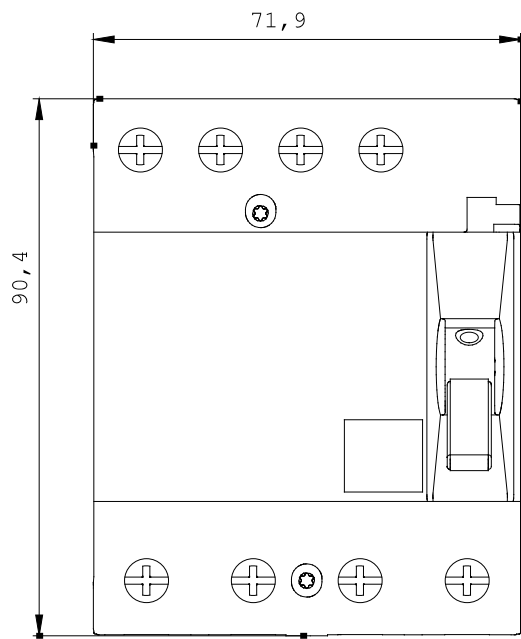
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM3644-6KK12](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM3644-6KK12)

##### CAX-Online-Generator

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

##### Tender specifications

[Datenorm](#) [GAEB81](#) [GAEB83](#) [RTF](#) [TXT](#)



last change:

Dec 31, 2012