



RES.CURRENT OP.CIRCUIT BREAKER TYPE AC WS  
100A 4POLE IFN 0,3A 400V 4MW

Similar to image

| Technical data:                                                                                           |     |                              |
|-----------------------------------------------------------------------------------------------------------|-----|------------------------------|
| mounting position                                                                                         |     | any                          |
| 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  | -5 ... +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   | 195                          |
| Protection against electrical shock                                                                       |     | Finger and back-of-hand safe |
| Position / of power supply cord                                                                           |     | top or bottom                |
| Tightening torque <ul style="list-style-type: none"><li>with screw-type terminals</li></ul>               | N·m | 3 ... 3.5                    |
| Section de conducteur raccordable <ul style="list-style-type: none"><li>solid</li><li>multibrin</li></ul> | mm² | 2.5 ... 50                   |
| Product feature                                                                                           |     |                              |

|                                                                                              |     |
|----------------------------------------------------------------------------------------------|-----|
| • [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  |

#### Certificates/approvals:

| General Product Approval                                                                  | Declaration of Conformity                                                                | other                                                                                         |
|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <br>GOST | <br>VDE | <br>EG-Konf. |
|                                                                                           |                                                                                          | <a href="#">other</a>                                                                         |
|                                                                                           |                                                                                          | <a href="#">Environmental Confirmations</a>                                                   |

#### 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/5SM3648-0/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM3648-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM3648-0)

##### CAX-Online-Generator

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

last change:

Dec 31, 2012