



RES.CURRENT OP.CIRCUIT BREAKER TYPE A 40A 3+N-POL IFN 300MA 400V 4MW FOR SELECTIVE SWITCH OFF

Similar to image

**Technical data:**

<b>mounting position</b>		any
<b>Height</b>	mm	90
<b>Width</b>	mm	72
<b>Depth</b>	mm	77
<b>Net weight</b>	g	510
<b>Design of the product</b>		Selective
<b>Supply voltage / with AC / Rated value</b>	V	400
<b>Surge current resistance / Rated value / Note</b>		5kA
<b>Active power loss / for rated value of the current / with AC / in hot operating state / per pole</b>	W	1.2
<b>Surge current resistance / Rated value</b>	kA	5
<b>Ambient temperature</b>	°C	-25 ... +45
<b>Ambient temperature</b> • during storage	°C	-40 ... +75
<b>Mechanical service life (switching cycles) / typical</b>		10,000
<b>Overvoltage category</b>		III
<b>Supply voltage / for testing equipment / minimum</b>	V	100
<b>Protection against electrical shock</b>		Finger and back-of-hand safe

<b>Position / of power supply cord</b>		top or bottom
<b>Tightening torque</b> • with screw-type terminals	N·m	2.5 ... 3
<b>Connectable conductor cross-section</b> • solid • stranded	mm <sup>2</sup> mm <sup>2</sup>	1.5 ... 25 1.5 ... 25
<b>Product property</b> • silicon-free • halogen-free		Yes Yes
<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>		28
<b>Reference code</b> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2		F F

#### Certificates/approvals:

##### General Product Approval

##### Declaration of Conformity



CCC



GOST

[other](#)



VDE



ÖVE



EG-Konf.

##### other

[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/5SM3644-8>

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

<http://support.automation.siemens.com/WWW/view/en/5SM3644-8/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SM3644-8](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SM3644-8)

##### CAX-Online-Generator

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

##### Tender specifications

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



last change:

Dec 4, 2014