

RCBO TYPE A (PSE) IFN 1000MA, 10KA, 4-POLE B
125A FOR PARTIAL SHUTDOWN



Figure similar

Model		
product brand name		SENTRON
Product designation		RCBO
Design of the product		selective
version		RCCB/MCB
General technical data		
Number of poles		4
Number of poles / Note		4P
Number of poles / with protection		4
Tripping characteristic class		B
circuit-breaker / Design		5SU1
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III
Voltage		
Surge current resistance / at (8/20) μs	kA	5
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	1 000
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
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Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30		26
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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
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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/5SU18446WK82>

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

<http://support.automation.siemens.com/WW/view/en/5SU18446WK82/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SU18446WK82

CAX-Online-Generator

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

Tender specifications

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

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