

RCBO elm, 10 kA, 2P, type A, 30 mA, B-char, In: 13 A,
Un AC: 230 V

Model		
product brandname		SENTRON
Product designation		RCBO
Design of the product		Instantaneous

General technical data		
Number of poles		2
Number of poles / Note		2P
Number of poles / with protection		2
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	1

Supply voltage		
Supply voltage		
• at AC / rated value	V	230
• for testing equipment / minimum	V	195
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	kA	10
• acc. to IEC 60947-2 / rated value	kA	15

Electricity		
Tripping residual current / rated value	mA	30
rated current In / IEC, DIN/VDE / at 40 Cel	A	12.48
Type of fault current		A
Current / at AC / rated value	A	13

Product details		
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Product feature / Touch protection		Yes
Product feature		
• 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	0.75
• maximum	mm ²	35
Connectable conductor cross-section		
• solid		
— minimum	mm ²	0.75
— maximum	mm ²	35
• finely stranded / with core end processing		
— minimum	mm ²	0.75
— maximum	mm ²	25
Tightening torque / with screw-type terminals		
• minimum	N·m	2.5
• maximum	N·m	3
Position / of power supply cord		Either top or bottom

Mechanical Design

Height	mm	90
Width	mm	54
Depth	mm	77
Mounting position		any
Installation depth	mm	70
Number of width units		3
Net weight	g	391

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
- acc. to DIN EN 81346-2

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General Product Approval

Declaration of Conformity



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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/5SU1324-6FA13>

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

<http://support.automation.siemens.com/WW/view/en/5SU1324-6FA13/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1324-6FA13

CAX-Online-Generator

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

Tender specifications

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

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