

RCBO elm, 10 kA, 1P+N, type AC, 30 mA, B-char, In: 13 A, Un AC: 230 V



Figure similar

Model		
product brandname		SENTRON
Product designation		RCBO
Design of the product		Instantaneous
General technical data		
Number of poles		2
Number of poles / Note		1P+N
Number of poles / with protection		1
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) $\mu$ s	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

<b>Protection class IP</b>		IP20, if the distribution board is installed, with connected conductors
<b>Energy limiting class</b>		3

#### Switching capacity

<b>Switching capacity current</b>		
• acc. to EN 60898 / rated value	kA	10
• acc. to IEC 60947-2 / rated value	kA	15

#### Dissipation

<b>Power loss [W]</b>		
• for rated value of the current / at AC / in hot operating state / per pole	W	2.4
• maximum	W	4.8

#### Electricity

<b>Tripping residual current / rated value</b>	mA	30
rated current $I_n$ / IEC, DIN/VDE / at 40 Cel	A	12.48
<b>Type of fault current</b>		AC
Current / at AC / rated value	A	13

#### Product details

Product feature / Touch protection		Yes
<b>Product feature</b>		
• halogen-free		Yes
• silicon-free		Yes

#### Product function

Product function / neutral conductor switching		Yes
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#### Number

<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>		26
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#### Connections

<b>Connectable conductor cross-section / stranded</b>		
• minimum	mm <sup>2</sup>	0.75
• maximum	mm <sup>2</sup>	35
<b>Connectable conductor cross-section</b>		
• solid		
— minimum	mm <sup>2</sup>	0.75
— maximum	mm <sup>2</sup>	35
• finely stranded / with core end processing		

— minimum	mm <sup>2</sup>	0.75
— maximum	mm <sup>2</sup>	25
<b>Tightening torque / with screw-type terminals</b>		
• minimum	N·m	2.5
• maximum	N·m	3
Position / of power supply cord		Either top or bottom

### Mechanical Design

<b>Mounting position</b>		any
<b>Installation depth</b>	mm	70
<b>Number of width units</b>		2
<b>Net weight</b>	g	281

### Environmental conditions

<b>Influence of the surrounding temperature</b>		Max. 95% humidity
<b>Ambient temperature</b>		
• minimum	°C	-25
• maximum	°C	55
• during storage / minimum	°C	-40
• during storage / maximum	°C	75

### Certificates

<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		F
• acc. to DIN EN 81346-2		F

### General Product Approval



[sonstig](#)



<b>General Product Approval</b>	<b>Declaration of Conformity</b>
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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/5SU1354-0KK13>

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

<http://support.automation.siemens.com/WW/view/en/5SU1354-0KK13/all>

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

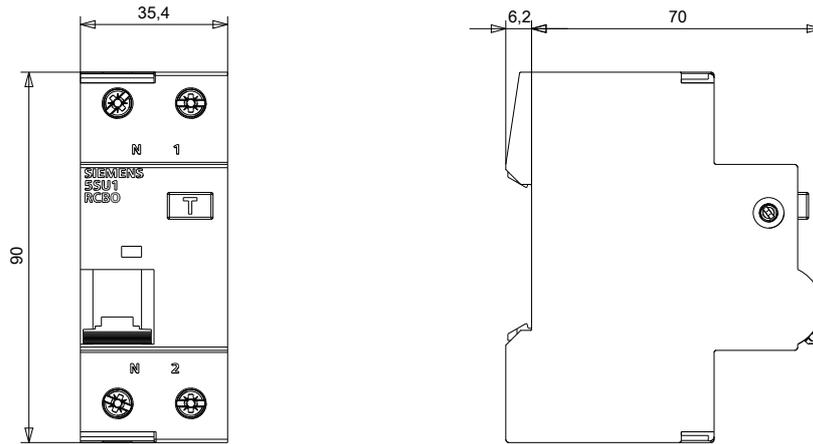
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SU1354-0KK13](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-0KK13)

**CAX-Online-Generator**

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

**Tender specifications**

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



**last modified:**

10/14/2016