

RCBO elm, 10 kA, 2P, type A, 30 mA, C-char, In: 20 A, Un AC: 230 V



Figure similar

Model	
Product brand name	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	C
circuit-breaker / Design	5SU1
Mechanical service life (switching cycles) / typical	10 000
Oversvoltage category	III
Voltage	
Surge current resistance / at (8/20) μ s	1 kA
Supply voltage	
Supply voltage	

• at AC / rated value	230 V
• for testing equipment / minimum	195 V
Supply voltage frequency / rated value	50 Hz

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	10 kA
• acc. to IEC 60947-2 / rated value	20 kA

Electricity

Tripping residual current / rated value	30 mA
rated current I_n / IEC, DIN/VDE / at 40 Cel	18.8 A
Type of fault current	A
Current / at AC / rated value	20 A

Product details

Product feature / Touch protection	Yes
Product feature	
• halogen-free	Yes
• silicon-free	Yes

Product function

Product function / neutral conductor switching	Yes
--	-----

Number

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

Connections

Connectable conductor cross-section / stranded	
• minimum	0.75 mm ²
• maximum	35 mm ²
Connectable conductor cross-section	
• solid	
— minimum	0.75 mm ²
— maximum	35 mm ²
• finely stranded / with core end processing	
— minimum	0.75 mm ²
— maximum	25 mm ²
Tightening torque / with screw-type terminals	
• minimum	2.5 N·m
• maximum	3 N·m

Position / of power supply cord	Either top or bottom
---------------------------------	----------------------

Mechanical Design

Height	90 mm
Width	54 mm
Depth	77 mm
Mounting position	any
Installation depth	70 mm
Number of width units	3
Net weight	390 g

Environmental conditions

Degree of pollution	2
Influence of the surrounding temperature	Max. 95% humidity
Ambient temperature	
<ul style="list-style-type: none"> • minimum • maximum • during storage / minimum • during storage / maximum 	<ul style="list-style-type: none"> -25 °C 55 °C -40 °C 75 °C

Certificates

Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 	<ul style="list-style-type: none"> F F

General Product Approval

Declaration of Conformity



[Miscellaneous](#)



Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SU1324-7FA20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1324-7FA20>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1324-7FA20

CAX-Online-Generator

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

Tender specifications

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



