

RCBO elm, 10 kA, 2P, type A, 30 mA, B-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	B
circuit-breaker / Design	5SU1
Mechanical service life (switching cycles) / typical	10 000
Overvoltage category	III
Voltage	
Surge current resistance / at (8/20) μ s	1 kA
Supply voltage	
Supply voltage	

<ul style="list-style-type: none"> • at AC / rated value 	230 V
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • acc. to EN 60898 / rated value 	10 kA
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • halogen-free 	Yes
<ul style="list-style-type: none"> • 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	
<ul style="list-style-type: none"> • minimum 	0.75 mm ²
<ul style="list-style-type: none"> • maximum 	35 mm ²
Connectable conductor cross-section	
<ul style="list-style-type: none"> • solid <ul style="list-style-type: none"> — minimum — maximum • finely stranded / with core end processing <ul style="list-style-type: none"> — minimum — maximum 	0.75 mm ² 35 mm ² 0.75 mm ² 25 mm ²
Tightening torque / with screw-type terminals	
<ul style="list-style-type: none"> • minimum • maximum 	2.5 N·m 3 N·m

Position / of power supply cord	Either top or bottom
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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	412 g

Environmental conditions

Degree of pollution	2
Influence of the surrounding temperature	Max. 95% humidity
Ambient temperature	
• minimum	-25 °C
• maximum	55 °C
• during storage / minimum	-40 °C
• during storage / maximum	75 °C

Certificates

Equipment marking	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	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=5SU1324-6FA20>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1324-6FA20>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1324-6FA20

CAX-Online-Generator

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

Tender specifications

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



