

RCBO elm, 10 kA, 4P, type AC, 30 mA, C-char, In: 125 A, Un AC: 400 V



Figure similar

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

• at AC / rated value	400 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	10 kA
Electricity	
Tripping residual current / rated value	30 mA
rated current I_n / IEC, DIN/VDE / at 40 °C	115.62 A
Type of fault current	AC
Current / at AC / rated value	125 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	6 mm ²
• maximum	50 mm ²
Connectable conductor cross-section	
• solid — minimum — maximum	6 mm ² 50 mm ²
• finely stranded / with core end processing — minimum — maximum	6 mm ² 35 mm ²
Tightening torque / with screw-type terminals	
• minimum	3 N·m
• maximum	3.5 N·m

Position / of power supply cord	Either top or bottom
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Mechanical Design

Mounting position	any
Installation depth	70 mm
Number of width units	11
Net weight	1 900 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
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[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=5SU1344-1KK82>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1344-1KK82>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1344-1KK82

CAX-Online-Generator

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

Tender specifications

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