



Figure similar

RCBO, 10 kA, 1-pole+N, type AC, short-time-delayed G, super resistant K 30 mA, C char, In: 10 A, Un AC: 230 V, permitted in all countries. Observe national installation regulations!

Model	
product brand name	SENTRON
product designation	RCBO
design of the product	Short-time delayed G, super resistant K
General technical data	
number of poles	2
number of poles with protection	1
design of pole	1P+N
tripping characteristic class	C
mechanical service life (operating cycles) typical	10 000
overvoltage category	3
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
insulation voltage (Ui) rated value	264 V
surge voltage resistance rated value	4 000 V
surge current resistance at (8/20) µs	3 kA
tripping fault current rated value	30 mA
• operational current	
— at 30 °C rated value	10 A
— at 40 °C rated value	9.5 A
— at 45 °C rated value	9.3 A
— at 50 °C rated value	9 A
— at 55 °C rated value	8.7 A
— at 60 °C rated value	8.5 A
— at 65 °C rated value	8.1 A
— at 70 °C rated value	7.7 A
• operational current at AC rated value	10 A
residual current type	AC
Supply voltage	
supply voltage	
• at AC rated value	230/240 V
• for testing equipment minimum	195 V
operating frequency	50/60 Hz
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors

Breaking Capacity			
switching capacity current			
according to EN 60898 rated value	10 kA		
according to IEC 60947-2 rated value	20 kA		
short-circuit current breaking capacity (Icn) according to EN 61009-1 rated value	10 kA		
rated residual switching capacity (IΔm) according to IEC 61009-1	10 kA		
energy limitation class	3		
Dissipation			
power loss [W]			
maximum	1.6 W		
Product details			
product feature touch protection	Yes		
product component neutral conductor switching	Yes		
product feature halogen-free	Yes		
product feature silicon-free	Yes		
Connections			
connectable conductor cross-section solid			
minimum	0.75 mm²		
maximum	35 mm²		
connectable conductor cross-section stranded			
minimum	0.75 mm²		
maximum	35 mm²		
connectable conductor cross-section finely stranded with core end processing			
minimum	0.75 mm²		
maximum	25 mm²		
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	36 mm		
depth	77 mm		
installation depth	70 mm		
number of modular width units	2		
mounting position	any		
Net Weight	275 g		
Environmental conditions			
influence of the surrounding temperature	Max. 95% humidity		
ambient temperature during operation			
minimum	-25 °C		
maximum	55 °C		
ambient temperature during storage			
minimum	-40 °C		
maximum	75 °C		
number of test cycles for environmental testing according to IEC 60068-2-30	28		
Approvals Certificates			
Environment	General Product Approval		
Environmental Confirmations	Environmental Confirmations		
Miscellaneous	Miscellaneous		
			
Confirmation			
General Product Approval	EMV	Test Certificates	other



[Special Test Certificate](#)

[Miscellaneous](#)



other	Railway	Dangerous goods
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[Confirmation](#)

[Miscellaneous](#)

[Special Test Certificate](#)

[Transport Information](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SU1354-1LB10>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1354-1LB10>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-1LB10

CAX-Online-Generator

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

Tender specifications

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

Characteristic curves

https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP='HAUPT'></mmp_prod_no>



