



Figure similar

RCBO, 10 kA, 1-pole+N, type AC, short-time-delayed G, super resistant K 30 mA, B char, In: 40 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	B
mechanical service life (operating cycles) typical	10 000
overvoltage category	3
degree of pollution	4
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) μ s	3 kA
tripping fault current rated value	30 mA
- operational current — at 30 °C rated value — at 40 °C rated value — at 45 °C rated value — at 50 °C rated value — at 55 °C rated value — at 60 °C rated value — at 65 °C rated value — at 70 °C rated value - operational current at AC rated value	40 A 37.6 A 36.4 A 34.8 A 32.4 A 32.4 A 30.8 A 29.2 A 40 A
residual current type	AC
Supply voltage	
supply voltage - at AC rated value - for testing equipment minimum	230/240 V 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	15 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	7.8 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	296 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=5SU1354-0LB40>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1354-0LB40>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-0LB40

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>



