



RCBO, 10 kA, 1P+N, Type AC, short-time-delayed G, super-resistant K, 30 mA, C-Char, In: 16 A, Un AC: 230 V

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 (switching cycles) / typical	10 000
overvoltage category	III
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
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
Switching capacity	
breaking capacity short-circuit current (Icn) / according to EN 61009-1 / rated value	10 kA
switching capacity current	
• according to EN 60898 / rated value	10 kA
• according to IEC 60947-2 / rated value	20 kA
rated residual switching capacity (IΔm) / according to IEC 61009-1	10 kA
energy limitation class	3
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	2.8 W
• maximum	5.6 W

Current		
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 - at AC / rated value	16 A 15.2 A 14.88 A 14.4 A 13.92 A 13.6 A 12.96 A 12.32 A 16 A	
residual current type	AC	
Product details		
product feature - halogen-free - silicon-free	Yes Yes	
Connections		
connectable conductor cross-section / solid - minimum - maximum	0.75 mm² 35 mm²	
connectable conductor cross-section / stranded - minimum - maximum	0.75 mm² 35 mm²	
connectable conductor cross-section / finely stranded / with core end processing - minimum - maximum	0.75 mm² 25 mm²	
tightening torque / with screw-type terminals - minimum - maximum	2.5 N·m 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	258 g	
weight / with packaging	274 g	
Environmental conditions		
influence of the surrounding temperature	Max. 95% humidity	
ambient temperature / during operation - minimum - maximum	-25 °C 55 °C	
ambient temperature / during storage - minimum - maximum	-40 °C 75 °C	
number of test cycles / for environmental testing / according to IEC 60068-2-30	28	
Certificates		
reference code - according to EN 61346-2 - according to IEC 81346-2	F F	
General Product Approval	EMC	Declaration of Conformity

[Confirmation](#)



[Miscellaneous](#)



EG-Konf.

Test Certificates	other		Railway	Dangerous Good
Special Test Certificate	Miscellaneous	Miscellaneous	Vibration and Shock	Transport Information

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=5SU1354-1LB16>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1354-1LB16>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1354-1LB16

CAX-Online-Generator

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

Tender specifications

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



