



RCBO, 10 kA, 2P Type A, 30 mA, C-Char, In: 32A Un: 230V super-resistant

Model	
product brand name	SENTRON
product designation	RCBO
design of the product	Super resistant K
General technical data	
number of poles	2
number of poles / with protection	2
tripping characteristic class	C
mechanical service life (switching cycles) / typical	10 000
overvoltage category	III
degree of pollution	3
Voltage	
type of voltage / of the operating voltage	AC
insulation voltage (Ui) / rated value	500 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	
• acc. to EN 60898 / rated value	10 kA
• acc. to IEC 60947-2 / rated value	15 kA
rated residual switching capacity (IΔm) / according to IEC 61009-1	4.5 kA
energy limitation class	3
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	1.84 W
• maximum	3.7 W
Current	

tripping fault current / rated value		30 mA	
operational current			
• at 30 °C / rated value		32 A	
• at 40 °C / rated value		30.8 A	
• at 45 °C / rated value		30.2 A	
• at 50 °C / rated value		29.5 A	
• at 55 °C / rated value		29.2 A	
• at 60 °C / rated value		28.8 A	
• at AC / rated value		32 A	
residual current type		A	
Product details			
product component / neutral conductor switching		Yes	
product feature / touch protection		Yes	
product feature			
• halogen-free		No	
Connections			
connectable conductor cross-section / solid			
• maximum		35 mm²	
connectable conductor cross-section / stranded			
• maximum		35 mm²	
connectable conductor cross-section / finely stranded / with core end processing			
• maximum		35 mm²	
tightening torque / with screw-type terminals			
• minimum		2 N·m	
• maximum		2 N·m	
position / of power supply cord		Either top or bottom	
Mechanical Design			
height		85 mm	
width		36 mm	
depth		72 mm	
installation depth		70 mm	
number of modular width units		2	
mounting position		Any	
net weight		245 g	
weight / with packaging		275 g	
Environmental conditions			
influence of the surrounding temperature		Max. 95% humidity	
ambient temperature / during operation			
• minimum		-25 °C	
• maximum		40 °C	
ambient temperature / during storage			
• minimum		-40 °C	
• maximum		70 °C	
number of test cycles / for environmental testing / acc. to IEC 60068-2-30		28	
Certificates			
reference code			
• acc. to DIN EN 61346-2		F	
• acc. to IEC 81346-2		F	
General Product Approval		Declaration of Conformity	other

[Miscellaneous](#)



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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=5SU1324-7FR32>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1324-7FR32>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1324-7FR32

CAX-Online-Generator

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

Tender specifications

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



