



Figure similar

5SU1 RCBO Type A 30mA C6 6kA 1+N 2MW, Big Pack 36 pcs

Model	
product brand name	SETRON
product designation	RCBO
design of the product	Instantaneous
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	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	1 kA
tripping fault current rated value	30 mA
operational current	
• at 30 °C rated value	6 A
• at 40 °C rated value	5.7 A
• at 45 °C rated value	5.58 A
• at 50 °C rated value	5.4 A
• at 55 °C rated value	5.22 A
• at 60 °C rated value	5.1 A
• at 65 °C rated value	4.86 A
• at 70 °C rated value	4.62 A
• at AC rated value	6 A
residual current type	A
Supply voltage	
supply voltage	
• at AC rated value	230/240 V
• for testing equipment minimum	195 V
operating frequency	50 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	
short-circuit current breaking capacity (Icn) according to	6 kA

EN 61009-1 rated value		
switching capacity current		
• according to EN 60898 rated value		6 kA
• according to IEC 60947-2 rated value		25 kA
rated residual switching capacity (IΔm) according to IEC 61009-1		6 kA
energy limitation class		3
Dissipation		
power loss [W]		
• maximum		1.9 W
Product details		
product feature touch protection		Yes
product component neutral conductor switching		Yes
product feature		
• halogen-free		Yes
• 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
weight with packaging		269 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		
General Product Approval	other	Dangerous goods

[Miscellaneous](#)



[Miscellaneous](#)

[Confirmation](#)

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[Transport Information](#)

Environment

Further information

Information on the packaging

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

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=5SU1356-7GV06>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SU1356-7GV06>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1356-7GV06

CAX-Online-Generator

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

Tender specifications

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



