



Residual current operated circuit breaker, 2-pole, Type B, short-time delayed, In: 25 A, 300 mA, Un AC: 230 V

Model	
product brand name	SETRON
product designation	RCCB
design of the product	Short-time delayed
General technical data	
number of poles	2
size of installation devices / according to DIN 43880	1
mechanical service life (switching cycles) / typical	10 000
short-circuit current / of series fuse / maximum permissible	100 A
short-circuit current rating	10 kA
switching function / short-term delayed	Yes
overvoltage category	III
Supply voltage	
supply voltage / for testing equipment / minimum	70 V
value range / of the operating frequency	50/60 Hz
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors
Switching capacity	
switching capacity current	
• according to IEC 61008-1 / rated value	0.8 kA
Dissipation	
power loss [W]	
• for rated value of the current / at AC / in hot operating state / per pole	1.2 W
• maximum	2.4 W
Current	
tripping fault current / rated value	300 mA
operational current	
• at 40 °C / rated value	40 A
• at 45 °C / rated value	25 A
• at 50 °C / rated value	25 A
• at 55 °C / rated value	25 A
• at 60 °C / rated value	25 A
• at 65 °C / rated value	25 A
• at 70 °C / rated value	25 A
• at AC / rated value	25 A
residual current type	B
let-through current / permissible	7 500 A
I <sup>2</sup> t value / permissible	70 000 A <sup>2</sup> ·s

surge current resistance / rated value	3 kA
<b>Product details</b>	
product feature / silicon-free	Yes
product extension / installable / supplementary devices	Yes
<b>Connections</b>	
connectable conductor cross-section / solid	
• minimum	0.75 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
connectable conductor cross-section / stranded	
• minimum	0.75 mm <sup>2</sup>
• maximum	35 mm <sup>2</sup>
tightening torque / with screw-type terminals	
• minimum	2.5 N·m
• maximum	3 N·m
<b>Mechanical Design</b>	
height	90 mm
width	72 mm
depth	70 mm
installation depth	70 mm
number of modular width units	4
fastening method	DIN rail (REG)
mounting position	any
net weight	570 g
<b>Environmental conditions</b>	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	45 °C
ambient temperature / during storage	
• minimum permissible	-40 °C
• maximum permissible	75 °C
number of test cycles / for environmental testing / according to IEC 60068-2-30	28
<b>General Product Approval</b>	<b>Declaration of Conformity</b>

[Confirmation](#)



[Miscellaneous](#)



[Miscellaneous](#)

[UK Declaration of Conformity](#)

**Declaration of Conformity**

**Test Certificates**

**other**

**Railway**



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[Vibration and Shock](#)

**Dangerous Good**

[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=5SV3622-4>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV3622-4>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SV3622-4](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3622-4)

CAX-Online-Generator

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

Tender specifications

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



