



Residual current operated circuit breaker, 4-pole, Type A, In: 40A, 30mA, 6mA DC, Un AC: 400V, Electro Mobility

Model	
product brand name	SENTRON
product designation	RCCB
design of the product	Short-time delayed
product variations	SIGRES, 6mA DC
General technical data	
number of poles	4
size of installation devices according to DIN 43880	1
mechanical service life (operating 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 supply voltage frequency	50/60 Hz
value range of the operating frequency	50/60 Hz
value range of the supply voltage at AC	70-440 V
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	2.5 W
• maximum	7.5 W
Product details	
product feature silicon-free	Yes
product extension installable supplementary devices	Yes
Connections	
connectable conductor cross-section solid	
• minimum	0.75 mm ²
• maximum	35 mm ²
connectable conductor cross-section stranded	
• minimum	0.75 mm ²
• maximum	35 mm ²
tightening torque with screw-type terminals	
• minimum	2.5 N·m

● maximum		3 N·m			
position of power supply cord		top or bottom (top for SIGRES function also in switched-off state)			
Mechanical Design					
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			
grid spacing		60 mm			
net weight		544 g			
Environmental conditions					
ambient temperature during operation					
● minimum		-25 °C			
● maximum		45 °C			
ambient temperature during storage minimum		-40 °C			
number of test cycles for environmental testing according to IEC 60068-2-30		28			
General Product Approval		Declaration of Con- formity	Test Certificates	other	Dangerous Good

[Confirmation](#)



[Miscellaneous](#)

[Confirmation](#)

[Transport Information](#)

Environment

[Environmental Con-
firmations](#)

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=5SV3344-6KK60>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SV3344-6KK60>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3344-6KK60

CAX-Online-Generator

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

Tender specifications

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



