SIEMENS

Data sheet 5SV3344-6KK60



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 mm²			
maximum	35 mm²			
connectable conductor cross-section stranded				
• minimum	0.75 mm²			
maximum	35 mm²			
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 formity	Con-	Test Certificates	other	Dangerous Good	
Confirmation	C€		Miscellaneous	Confirmation	Transport Information	

EG-Konf.

Environment

Environmental Confirmations

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

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

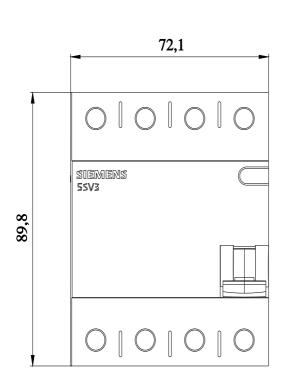
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3344-6KK60

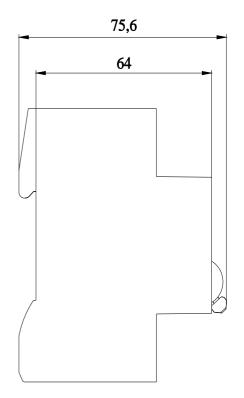
CAx-Online-Generator

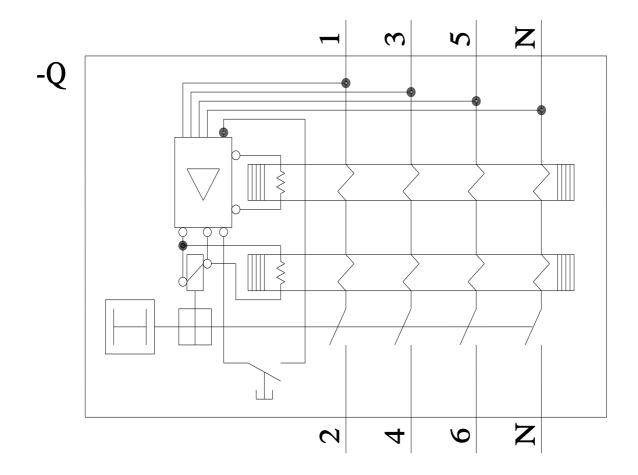
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







last modified: 3/21/2023 🖸

