SIEMENS

Data sheet 5SV3344-4KK60



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

= 177	
Model	
product brand name	SENTRON
product designation	RCCB
design of the product	Short-time delayed
product type designation	5SV3
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
tripping fault current rated value	30 mA
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
Breaking Capacity	
switching capacity current	
 according to IEC 61008-1 rated value 	0.8 kA
grid spacing	60 mm
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	
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	
Approvals Certificates		
General Product Approval	Test Certificates other	

CE

Confirmation



Miscellaneous

<u>Miscellaneous</u>

Confirmation

Dangerous Good

Environment

Transport Information

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=5SV3344-4KK60

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

https://support.industry.siemens.com/cs/ww/en/ps/5SV3344-4KK60

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

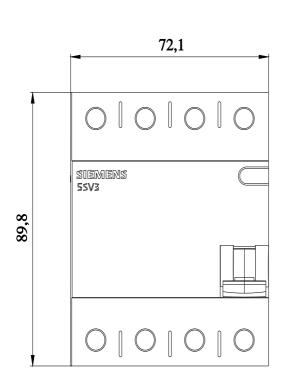
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3344-4KK60

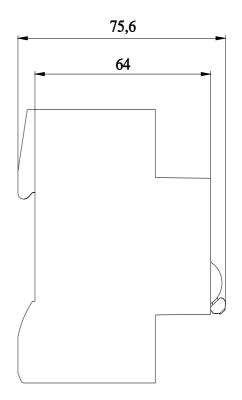
CAx-Online-Generator

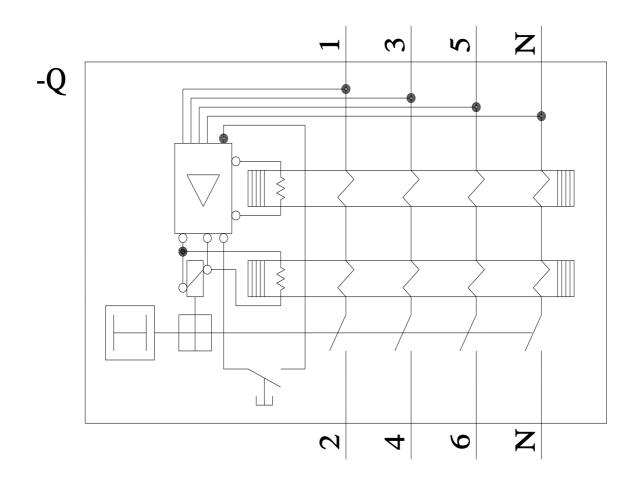
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







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