SIEMENS

Data sheet 5SV3345-6



Residual current operated circuit breaker, 4-pole, type A, In: 125 A, 30 mA, Un AC: 400 $\rm V$

Model	
product brand name	SENTRON
product designation	RCCB
design of the product	Instantaneous
product type designation	5SV3
General technical data	
number of poles	4
size of installation devices according to DIN 43880	1
mechanical service life (operating cycles) typical	5 000
short-circuit current of series fuse maximum permissible	125 A
short-circuit current rating	10 kA
switching function short-term delayed	No
overvoltage category	III
Supply voltage	
value range of the supply voltage frequency	50 Hz
value range of the operating frequency	50 Hz
value range of the supply voltage at AC	230/400 V
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors
Switching capacity	
switching capacity current	
 according to EN 60898 rated value 	1.25 kA
 according to IEC 61008-1 rated value 	1.25 kA
Product details	
product feature silicon-free	Yes
product extension installable supplementary devices	No
Connections	
connectable conductor cross-section solid	
• minimum	1 mm²
maximum	50 mm ²
connectable conductor cross-section stranded	
• minimum	1 mm²
• maximum	50 mm ²
tightening torque with screw-type terminals	
• minimum	3 N·m
• maximum	3.5 N·m
position of power supply cord	top or bottom
Mechanical Design	
height	85 mm
width	71 mm

Confirmation			<u>Miscellaneous</u>	Miscellaneous	Environmental Con- firmations
General Product Approval	Declaration of formity	Con-	Test Certificates	other	Environment
Approvals Certificates					
global warming potential [CO2 eq] after end of life		0.106 kg			
Global Warming Potential [CO2 eq] during operation		61.7 kg			
Global Warming Potential [CO2 eq] during manufacturing		1.98 kg			
Global Warming Potential [CO2 eq] total		63.8 kg			
Environmental Product Declaration(EPD)		Yes			
Environmental footprint					
ambient temperature during storage minim	ium	-35 °	C		
• maximum		40 °C	;		
• minimum		-25 °	C		
ambient temperature during operation					
Environmental conditions					
net weight		358 (]		
grid spacing		60 m	m		
mounting position		any			
fastening method		NID I	ail (REG)		
number of modular width units		4			
installation depth		73 m	m		
depth		73 m	m		

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.

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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=5SV3345-6

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

https://support.industry.siemens.com/cs/ww/en/ps/5SV3345-6

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

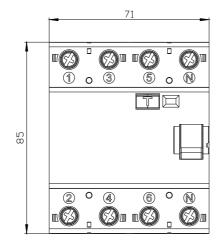
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SV3345-6

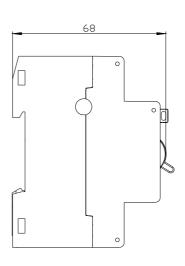
CAx-Online-Generator

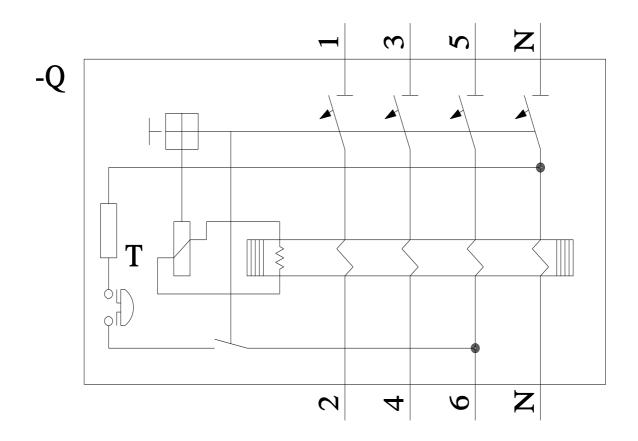
http://www.siemens.com/cax

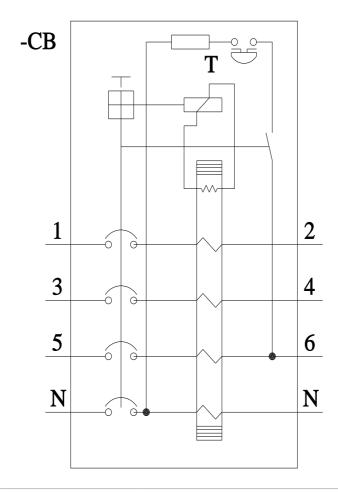
Tender specifications

http://www.siemens.com/specifications









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