SIEMENS

Data sheet 5SL4310-6



Miniature circuit breaker 400 V 10kA, 3-pole, B, 10 A

product brand name product designation Miniature circuit breaker Ceneral tachnical data number of poles 3 design of pole 3P tripping characteristic class mechanical service life (operating cycles) typical 10 000 overvoltage category III degree of pollution 2 Voltage Vyoltage Type of voltage of the operating voltage insulation voltage (Ui) • with multi-phase operation at AC rated value Supply voltage at AC rated value supply voltage at AC rated value with multi-phase operation at AC maximum • at DC Tacted value maximum at DC Tacted value maximum T2 V Protection class iP Switching capacity switching capacity current • according to EN 60988 rated value • according to EN 60984 r2 rated value • according to EN 60984 rated value • according to EN 60		
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at DC rated value maximum 72 V Protection class protection class IP IP20, with connected conductors Switching capacity switching capacity current	operating voltage	
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product feature • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	suitability for operation	Residential buildings/infrastructure
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sealable silicon-free Yes product extension installable supplementary devices Connections connectable conductor cross-section solid Yes Yes Yes	product feature	
• silicon-free Yes product extension installable supplementary devices Yes Connections connectable conductor cross-section solid	• halogen-free	Yes
product extension installable supplementary devices Connections connectable conductor cross-section solid	• sealable	Yes
Connections connectable conductor cross-section solid	• silicon-free	Yes
Connections connectable conductor cross-section solid	product extension installable supplementary devices	Yes
	Connections	
0.75	connectable conductor cross-section solid	
• minimum 0.75 mm²	• minimum	0.75 mm²

maximum	25 mm²	
connectable conductor cross-section stranded		
• minimum	0.75 mm²	
• maximum	25 mm²	
connectable conductor cross-section finely stranded with core end processing		
• minimum	0.75 mm²	
maximum	25 mm²	
tightening torque with screw-type terminals		
• minimum	2.5 N·m	
• maximum	3 N·m	
Mechanical Design		
height	90 mm	
width	54 mm	
depth	76 mm	
installation depth	70 mm	
number of modular width units	3	
mounting position	any	
net weight	435 g	
Environmental conditions		
ambient temperature during operation		
• minimum	-25 °C	
maximum	55 °C	
ambient temperature during storage		
• minimum	-40 °C	
• maximum	75 °C	
Approvals Certificates		

General Product Approval



Confirmation







Miscellaneous

Declaration of Conformity

Test Certificates

other





Miscellaneous

Confirmation

Miscellaneous

Environmental Confirmations

Environment

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=5SL4310-6

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL4310-6

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

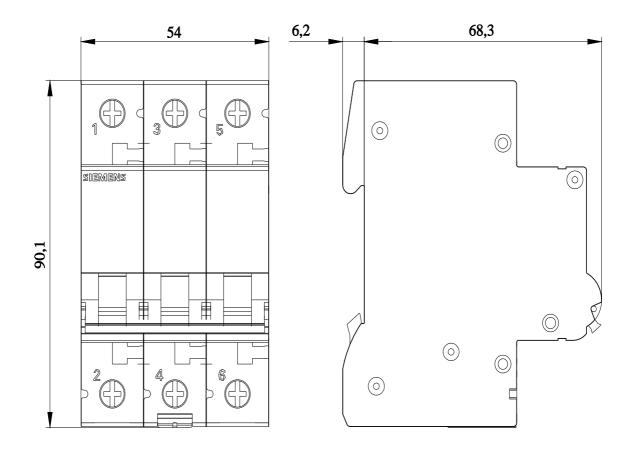
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4310-6

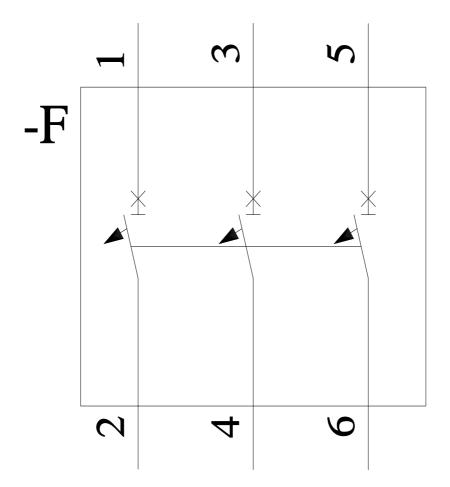
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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