SIEMENS

Data sheet 5SL6103-7



Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 3A

product brand name SENTRON product designation Miniature circuit breaker General technical data number of poles 1 design of pole 1P tripping characteristic class C mechanical service life (operating cycles) typical 10 000 overvoltage category III degree of pollution 2 Voltage Type of voltage of the operating voltage AC insulation voltage (Ui) with single-phase operation at AC rated value 250 V with multi-phase operation at AC rated value 440 V Supply voltage supply voltage at AC rated value 400 V value range of the supply voltage frequency 50/60 Hz operating voltage with multi-phase operation at AC maximum 440 V at DC rated value maximum 72 V Protection class IP IP20, with connected conductors Switching capacity switching capacity current according to EN 60898 rated value 6 kA	14 1 1		
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energy limitation class 3	 according to EN 60898 rated value 	6 kA	
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	energy limitation class	3	
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole 1.2 W		1.2 W	
suitability for operation Residential buildings/infrastructure	suitability for operation	Residential buildings/infrastructure	
Product details	Product details		
product feature	product feature		
• halogen-free Yes	• halogen-free	Yes	
• sealable Yes	• sealable	Yes	
• silicon-free Yes	• silicon-free	Yes	
product extension installable supplementary devices Yes	product extension installable supplementary devices	Yes	
Connections	Connections		
connectable conductor cross-section solid	connectable conductor cross-section solid		

minimum maximum maximum minimum minim	
connectable conductor cross-section stranded • minimum • maximum connectable conductor cross-section finely stranded with core end processing • minimum • maximum • maximum • maximum • maximum 25 mm² 25 mm² tightening torque with screw-type terminals • minimum • maximum • maximum 3 N·m Macchanical Design height width depth installation depth rom installation depth number of modular width units mounting position net weight Environmental conditions ambient temperature during operation • minimum -25 °C	
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tightening torque with screw-type terminals • minimum • maximum 3 N·m Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 mounting position net weight Environmental conditions ambient temperature during operation • minimum -25 °C	
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Mechanical Design height 90 mm width 18 mm depth 76 mm installation depth 70 mm number of modular width units 1 mounting position any net weight 115 g Environmental conditions ambient temperature during operation -25 °C	
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net weight Environmental conditions ambient temperature during operation • minimum -25 °C	
Environmental conditions ambient temperature during operation ● minimum -25 °C	
ambient temperature during operation ● minimum -25 °C	
• minimum -25 °C	
maximum 45 °C	
ambient temperature during storage	
• minimum -40 °C	
• maximum 75 °C	
General Product Approval Declaration formity	n of Con-



Confirmation



<u>TSE</u>





Declaration of Conformity other Environment



Miscellaneous

Confirmation

Environmental Confirmations

Further information

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

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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=5SL6103-7

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6103-7

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

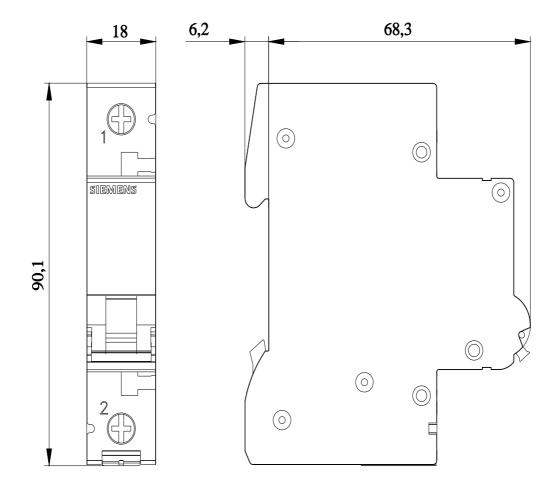
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6103-7

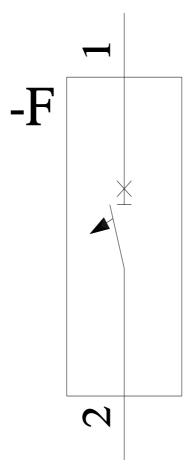
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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