SIEMENS

Data sheet 5SL6402-7



Miniature circuit breaker 400 V 6kA, 4-pole, C, 2A

Model product brand name SENTRON product designation Miniature circuit General technical data number of poles 4	breaker		
product designation Miniature circuit General technical data	breaker		
General technical data	breaker		
number of poles 4	General technical data		
design of pole 4P			
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 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			
protection class IP IP20, with conne	cted conductors		
Switching capacity			
switching capacity current			
according to EN 60898 rated value 6 kA			
according to IEC 60947-2 rated value 6 kA			
energy limitation class 3			
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole			
suitability for operation Residential build	ings/infrastructure		
Product details			
product feature			
halogen-free Yes			
• sealable Yes			
• silicon-free Yes			
product extension installable supplementary devices Yes			
Connections			
connectable conductor cross-section solid			
• minimum 0.75 mm²			

maximum	25 mm²	
connectable conductor cross-section stranded		
• minimum	0.75 mm ²	
• maximum	25 mm²	
connectable conductor cross-section finely stranded with core end processing		
• minimum	0.75 mm ²	
maximum	25 mm²	
tightening torque with screw-type terminals		
• minimum	2.5 N·m	
• maximum	3 N·m	
Mechanical Design		
height	90 mm	
width	72 mm	
depth	76 mm	
installation depth	70 mm	
number of modular width units	4	
mounting position	any	
net weight	470 g	
Environmental conditions		
ambient temperature during operation		
• minimum	-25 °C	
• maximum	45 °C	
ambient temperature during storage		
• minimum	-40 °C	
• maximum	75 °C	
Approvals Certificates		
General Product Approval		Declaration of Con-



General Product Approval

Confirmation



TSE





formity

Declaration of Conother **Environment** formity



Confirmation

Miscellaneous

Environmental Confirmations

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

.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=5SL6402-7

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

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

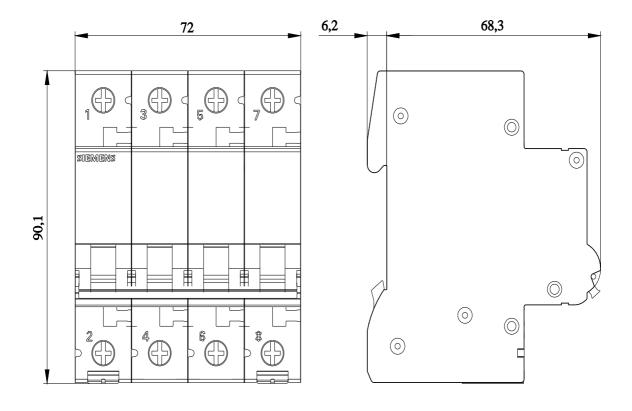
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6402-7

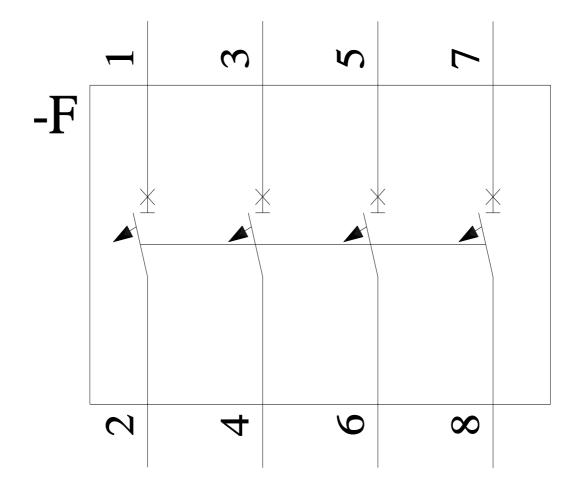
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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