## **SIEMENS**

Data sheet 5SL6404-7



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

product brand name product designation Miniature circuit breaker  General technical data  number of poles design of pole tripping characteristic class C mechanical service life (operating cycles) typical overvoltage category III degree of pollution 2  Voltage type of voltage of the operating voltage with multi-phase operation at AC rated value  Supply voltage supply voltage at AC rated value value range of the supply voltage frequency operating voltage  with multi-phase operation at AC maximum at DC rated value maximum  Ta V  Protection class  protection class IP  Switching capacity switching capacity current according to EN 60898 rated value  6 kA  6 kA  6 kA  6 kA
product designation Miniature circuit breaker  General technical data  number of poles 4 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 440 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 connected conductors  Switching capacity switching capacity switching capacity current • according to EN 60898 rated value 6 kA • according to IEC 60947-2 rated value 6 kA
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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  0.7 W
suitability for operation Residential buildings/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 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	72 mm	
depth	76 mm	
installation depth	70 mm	
number of modular width units	4	
mounting position	any	
net weight	485 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 Con**other **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=5SL6404-7

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

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

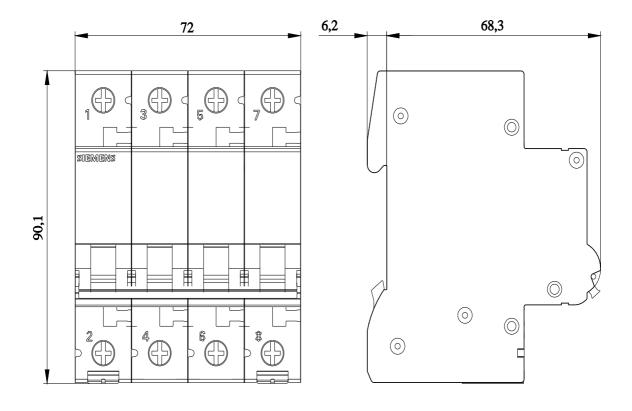
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SL6404-7

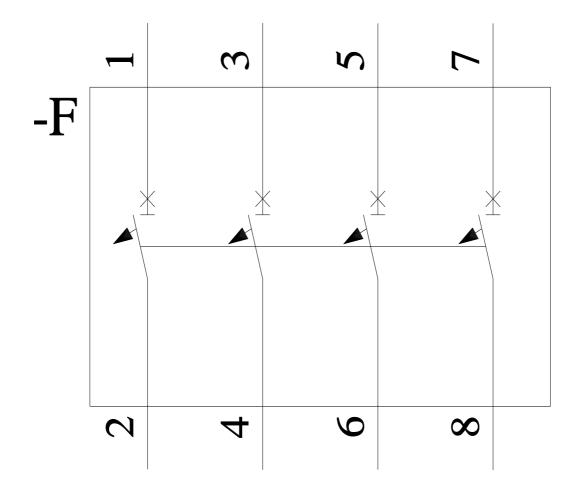
**CAx-Online-Generator** 

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications





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