SIEMENS

Data sheet 5SL6632-6



Miniature circuit breaker 400 V 6kA, 3+N-pole, B, 32 A

product transl name SENTRON product designation Miniature circuit breaker General technical data number of poles 4 design of pole 3P+N tripping characteristic class B mechanical service life (operating cycles) typical 10 000 overvoltage category III degree of pollution 2 Votage Type of vottage of the operating vottage AC insulation vottage (II) • with multi-phase operation at AC rated value 440 V Supply vottage of the supply vottage frequency 50/60 Hz operating vottage • with multi-phase operation at AC maximum 440 V • at DC rated value maximum 72 V Protection class IP Switching capacity switching capacity switching capacity switching capacity current • according to EC 60947-2 rated value 6 kA • according to EC 60947-2 rated value 6 kA energy limitation class Dissipation Product details product feature • halogen-free 9 • sealabie 4 Yes • sealabie 7 Yes • sealabie 7 Yes • sealabie 9 Yes • silicon-free 7 Yes product extension installable supplementary devices 7 Yes connectable conductor cross-section solid • minimum 0,75 mm*	Madel	
product designation Miniature circuit breaker General technical data number of poles 4 design of pole 3P+N tripping characteristic class B 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 before 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 Switching capacity current • according to EN 60898 rated value 6 kA • according to EN 60898 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 buildings/infrastructure Product dealis product feature • halogen-free 4 Yes • sealable 4 Yes • sealable 5 Yes • selicon-free 7 Yes product extension installable supplementary devices 7 Yes Connections connectable conductor cross-section solid	Model	OFWEDOW
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protection class IP IP20, with connected 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 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	 at DC rated value maximum 	72 V
Switching capacity switching capacity current • according to EN 60898 rated value • 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 Product details product feature • halogen-free • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	Protection class	
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according to EN 60898 rated value according to IEC 60947-2 rated value 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 Product details product feature halogen-free sealable silicon-free product extension installable supplementary devices Connectable conductor cross-section solid 6 kA 6	Switching capacity	
according to IEC 60947-2 rated value energy limitation class Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole suitability for operation Product details product feature halogen-free sealable silicon-free product extension installable supplementary devices Connectable conductor cross-section solid 8 kA 3	switching capacity current	
energy limitation class Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole suitability for operation Product details product feature • halogen-free • sealable • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	 according to EN 60898 rated value 	6 kA
Dissipation power loss [W] for rated value of the current at AC in hot operating state per pole suitability for operation Product details product feature • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	 according to IEC 60947-2 rated value 	6 kA
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operating state per pole suitability for operation Product details product feature • halogen-free • sealable • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	Dissipation	
product details product feature • halogen-free Yes • sealable Yes • silicon-free Yes product extension installable supplementary devices Yes Connections connectable conductor cross-section solid		3.4 W
product feature • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections connectable conductor cross-section solid	suitability for operation	Residential buildings/infrastructure
 halogen-free sealable silicon-free yes product extension installable supplementary devices Connections connectable conductor cross-section solid 	Product details	
sealable silicon-free Yes product extension installable supplementary devices Connections connectable conductor cross-section solid Yes Yes	product feature	
sealable silicon-free Yes product extension installable supplementary devices Connections connectable conductor cross-section solid Yes Yes Yes	• halogen-free	Yes
product extension installable supplementary devices Connections connectable conductor cross-section solid		Yes
Connections connectable conductor cross-section solid	• silicon-free	Yes
Connections connectable conductor cross-section solid	product extension installable supplementary devices	Yes
connectable conductor cross-section solid		
		0.75 mm²

maximum	25 mm²	
connectable conductor cross-section stranded	25 11111	
minimum	0.75 mm²	
maximum	25 mm²	
	25 111111	
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	585 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

Confirmation









Declaration of Con-

formity

Declaration of Conformity other Environment



Miscellaneous

Confirmation

Environmental Confirmations

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=5SL6632-6

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6632-6

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

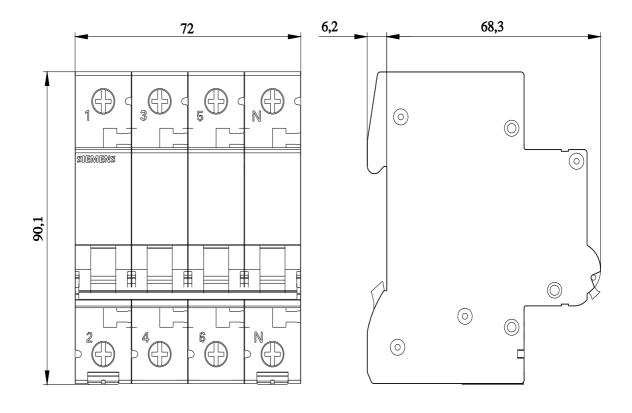
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6632-6

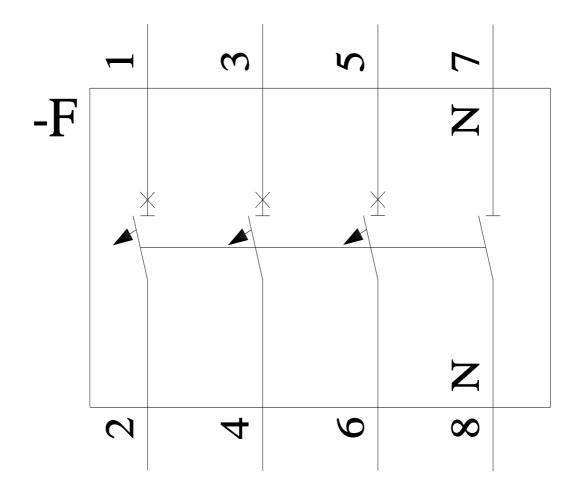
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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