SIEMENS

Data sheet 5SL4132-7



Miniature circuit breaker 230/400 V 10kA, 1-pole, C, 32 A

product brand name SENTRON product designation Miniature circuit breaker Ceneral technical data number of poles 1 design of pole 1 design of pole 1 tripping characteristic class C owervoltage category III degree of pollution 2 Votage Type of voltage of the operating voltage AC insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value 440 V Supply voltage at AC rated value 440 V Frotection class IP Frotection class IP Switching capacity switching capacity current • according to EN 60898 rated value 10 kA • accordi		
product designation Miniature circuit breaker Ceneral technical data number of poles 1 design of pole 1 fipping characteristic class C C mechanical expression of pole 1 tripping characteristic class C C mechanical expression of pole 1 overvoltage category III degree of pollution 2 Voltage Voltage of the operating voltage AC insulation voltage (III) • with single-phase operation at AC rated value 250 V • with multi-phase operation at AC rated value 440 V Supply voltage with multi-phase operation at AC rated value 440 V supply voltage 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 P IP20, with connected conductors Switching capacity current • according to EE 66947-2 rated value 10 kA • according to EE 66947-2 rated value 10 kA • according to EE 66947-2 rated value 10 kA • according to EE 66947-2 rated value 7 to kA • according to Poperation Residential buildings/infrastructure Product details product teature • halogen-free Yes • sealable Yes • sealable Yes • silicon-free Yes • silicon-free Yes • silicon-free Yes • solone-stone installable supplementary devices Connections	Model	
Ceneral technical data number of poles design of pole tripping characteristic class mechanical service life (operating cycles) typical overvoltage category degree of pollution 2 Voltage type of voltage of the operating voltage with single-phase operation at AC rated value with single-phase operation at AC rated value with multi-phase operation at AC rated value supply voltage supply voltage supply voltage at AC rated value with multi-phase operation at AC maximum at DC rated value maximum 72 V Protection class protection class IP Switching capacity switching capacity switching capacity switching capacity switching capacity current a according to EN 6098 rated value a coording to EN 6098 rated value 10 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 details product feature • halogen-free • halogen-free • sealable • sealable • ves • sealable • sealors in suitable is type or pound. Yes Connections	-	
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 Voltage 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 vo		Miniature circuit breaker
design of pole tripping characteristic class C C C C C C C C C C C C C C C C C C	General technical data	
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mechanical service life (operating cycles) typical overvoltage category degree of pollution 2 type of voltage of the operating voltage type of voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value * with multi-phase operation at AC maximum * at DC rated value maximum * 72 V * Protection class protection class IP IP20, with connected conductors * witching capacity * witching capacity current • according to EN 60898 rated value • according to EN 60894 rated value • according to EC 60947-2 rated value • according to EC 60947-2 rated value • according tote of the current at AC in hot operating state per pole suitability for operation Product details product details product details • salable • sealable • silicon-free • Yes • sealable • silicon-free • Yes product extension installable supplementary devices Yes Connections	design of pole	1P
overvoltage category degree of pollution 2 Voltage type of voltage of the operating voltage insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value supply voltage supply voltage supply voltage at AC rated value 400 V value range of the supply voltage frequency operating voltage • with multi-phase operation at AC maximum • at DC rated value maximum 72 V Protection class protection class IP Switching capacity switching capacity current • according to EN 60898 rated value • according to EN 60898 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 details product details product details product details selicon-free • sealable • silicon-free • yes selicon-free yes product extension installable supplementary devices Yes Connections	tripping characteristic class	C
degree of pollution 2 Voltage type of voltage of the operating voltage insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 72 V **Protection class IP Switching capacity switching capacity switching capacity current • according to EN 60898 rated value • according to EN 60898 rated value 10 kA • according to EN 608947-2 rated value 10 kA energy limitation class Dissipation power loss IWI for rated value of the current at AC in hot operating state per pole suitability for operation Product deature • halogen-free • sealable • sealable • silicon-free • yes product extension installable supplementary devices Yes Connections	mechanical service life (operating cycles) typical	10 000
Voltage Lype of voltage of the operating voltage AC	overvoltage category	III
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insulation voltage (UI) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 440 V • at DC rated value maximum 72 V Protection class protection class IP IP20, with connected conductors Switching capacity switching capacity current • according to EN 60898 rated value • according to EC 60947-2 rated value energy limitation class Dissipation power loss [M] for rated value of the current at AC in hot operating state per pole suitability for operation Residential buildings/infrastructure Product details product details product feature • halogen-free • sealable • silicon-free • yes product extension installable supplementary devices Yes Connections	Voltage	
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value range of the supply voltage frequency operating voltage • with multi-phase operation at AC maximum • at DC rated value maximum Protection class protection class IP Switching capacity switching capacity switching capacity current • according to EN 60898 rated value • according to EC 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 • halogen-free • sealable • sealable • yes product extension installable supplementary devices Connections	Supply voltage	
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with multi-phase operation at AC maximum at DC rated value maximum 72 V Protection class protection class IP IP20, with connected conductors Switching capacity switching capacity current according to EN 60898 rated value according to IEC 60947-2 rated value	value range of the supply voltage frequency	50/60 Hz
otal DC rated value maximum Protection class protection class IP IP20, with connected conductors	operating voltage	
protection class IP IP20, with connected conductors Switching capacity switching capacity current • according to EN 60898 rated value 10 kA • according to IEC 60947-2 rated value 10 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	 with multi-phase operation at AC maximum 	440 V
protection class IP IP20, with connected conductors Switching capacity switching capacity current • 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 • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections	 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 10 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 • seilicon-free product extension installable supplementary devices Connections	Protection class	
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according to EN 60898 rated value according to IEC 60947-2 rated value 10 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 sealable sealable silicon-free product extension installable supplementary devices Connections 10 kA 1	Switching capacity	
according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value according to IEC 60947-2 rated value of the current at AC in hot operation according to IEC 60947-2 rated value of the current at AC in hot operation to IEC 6094 White IEC 6094 W	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 • silicon-free • yes product extension installable supplementary devices Connections	 according to EN 60898 rated value 	10 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	according to IEC 60947-2 rated value	10 kA
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 • sealable • silicon-free product extension installable supplementary devices Connections	energy limitation class	3
operating state per pole suitability for operation Product details product feature • halogen-free • sealable • silicon-free • silicon-free product extension installable supplementary devices Connections	Dissipation	
Product details product feature • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections		2.6 W
product feature • halogen-free • sealable • silicon-free product extension installable supplementary devices Connections Yes Yes Yes Yes	suitability for operation	Residential buildings/infrastructure
 halogen-free sealable silicon-free product extension installable supplementary devices Connections Yes Yes	Product details	
sealable silicon-free Yes product extension installable supplementary devices Connections Yes Yes Yes	product feature	
• silicon-free Yes product extension installable supplementary devices Yes Connections	• halogen-free	Yes
product extension installable supplementary devices Yes Connections	• sealable	Yes
Connections	• silicon-free	Yes
Connections	product extension installable supplementary devices	Yes
connectable conductor cross-section solid		
	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 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	18 mm
depth	76 mm
installation depth	70 mm
number of modular width units	1
mounting position	any
net weight	145 g
Environmental conditions	
ambient temperature during operation	
• minimum	-25 °C
• maximum	55 °C
ambient temperature during storage	
• minimum	-40 °C
• maximum	75 °C
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
Global Warming Potential [CO2 eq] total	26.9 kg
Global Warming Potential [CO2 eq] during manufacturing	0.73 kg
Global Warming Potential [CO2 eq] during operation	26.3 kg
global warming potential [CO2 eq] after end of life	-0.066 kg
Approvals Certificates	
General Product Approval	



Confirmation







Miscellaneous

Declaration of Conformity

Test Certificates

other

Environment





Miscellaneous

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)

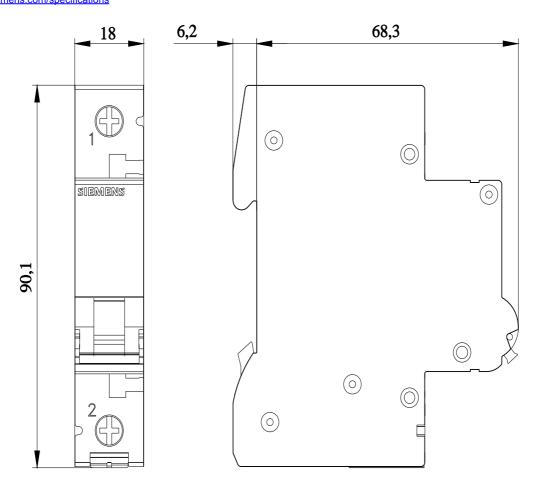
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL4132-7

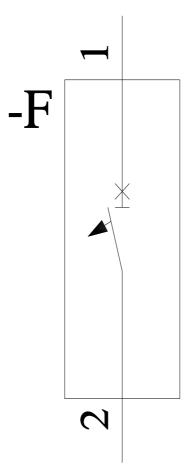
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/5SL4132-7

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4132-7





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