## **SIEMENS**

Data sheet 5SL6132-7



Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 32 A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
design of the product	5SL miniature circuit breakers		
General technical data			
number of poles	1		
number of poles / note	1P		
tripping characteristic class	C		
mechanical service life (switching cycles) / typical	10 000		
overvoltage category	III		
degree of pollution	2		
Voltage			
insulation voltage			
<ul><li>with single-phase operation / at AC / rated value</li></ul>	250 V		
<ul><li>with multi-phase operation / at AC / rated value</li></ul>	440 V		
Supply voltage			
type of voltage	AC		
operational current / at AC / rated value	32 A		
supply voltage / at AC / rated value	400 V		
operating voltage			
<ul><li>with multi-phase operation / at AC / maximum</li></ul>	440 V		
at DC / rated value / maximum	72 V		
supply voltage frequency			
rated value	50 Hz		
Protection class			
protection class IP	IP20, with connected conductors		
Switching capacity			
switching capacity current			
<ul> <li>acc. to EN 60898 / rated value</li> </ul>	6 kA		
• acc. 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	3.1 W		
suitability for operation	Residential buildings/infrastructure		
Product details			
product function / neutral conductor switching	No		

product feature / touch protection	Yes				
product feature	. 103	165			
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		0.75 mm <sup>2</sup> 25 mm <sup>2</sup>			
connectable conductor cross-section / stranded	25 111111				
minimum	0.7F mm²				
maximum	0.75 mm <sup>2</sup> 25 mm <sup>2</sup>				
connectable conductor cross-section / finely stranded /	- 23 111	25 1111117			
with core end processing					
• minimum	0.75 mm <sup>2</sup>				
• 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					
influence of the surrounding temperature	Periodically +55°C, max. 95% humidity				
ambient temperature					
• minimum	-25 °C				
• maximum	45 °C				
ambient temperature / during storage					
• minimum	-40 °	-40 °C			
• maximum	75 °C				
Certificates					
reference code					
• acc. to DIN EN 61346-2	F				
• acc. to IEC 81346-2	F	F			
General Product Approval		Declaration of Conformity	Marine / Shipping		











## **Further information**

 $Information-\ and\ Download center\ (Catalogs,\ Brochures,...)$ 

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6132-7

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6132-7

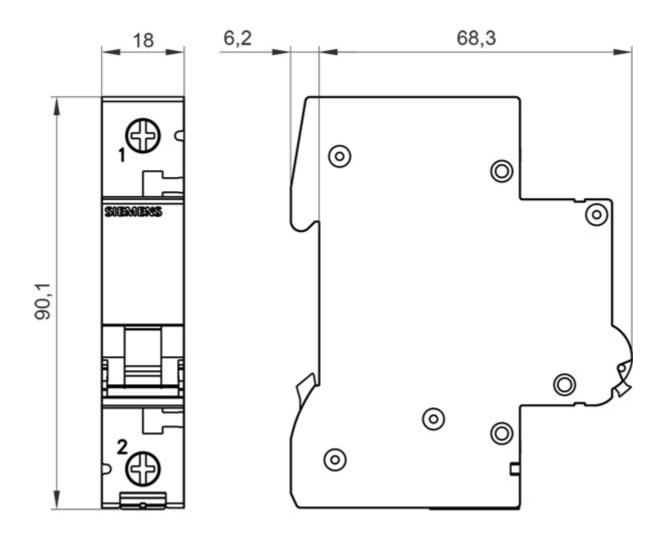
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SL6132-7

**Tender specifications** 

http://www.siemens.com/specifications





Ø