SIEMENS

Data sheet 5SL6110-6



Miniature circuit breaker 230/400 V 6kA, 1-pole, B, 10 A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	1
design of pole	1P
tripping characteristic class	В
mechanical service life (operating cycles)	
• typical	10 000
overvoltage category	III
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
type of voltage	Use only in alternating current or direct current circuits. Mixed use is not permitted.
insulation voltage (Ui)	
 with single-phase operation at AC rated value 	250 V
with multi-phase operation at AC rated value	440 V
operational current	
 at 30 °C rated value 	10 A
 at 40 °C rated value 	9.52 A
at 55 °C rated value	8.74 A
at AC rated value	10 A
Supply voltage	
supply voltage at AC	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	62.5 V
•	The operational voltage 62,5V DC/pole takes into account a battery charging voltage with peak value of 72V
Protection class	
protection class IP	IP20, with connected conductors
Breaking 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	1.6 W

Product details product feature touch protection	suitability for operation	Residential buildings/infrastructure
product component neutral conductor switching product feature Separative component neutral conductor switching No Separative component neutral conductor switching Yes Separative component neutral conductor cross-section solid Separative component neutral conductor cross-section solid Separative component neutral conductor cross-section solid Separative component neutral conductor cross-section stranded Separative component neutral conductor cross-section stranded Separative component neutral conductor cross-section stranded with Separative conductor cross-section stranded with Separative conductor cross-section stranded with Separative conductor cross-section finely stranded with Separative conductor cross-section stranded vital Separative conductor c	Product details	
product component neutral conductor switching product feature	product feature touch protection	Yes
Product feature Pais Pai		No
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Global Warming Potential [CO2 eq] after end of life -0.057 kg		
*		-
General Product Approval		







Confirmation



Miscellaneous

General Product Approval

other

Environment



Miscellaneous

Confirmation



Environmental Confirmations Environmental Confirmations

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6110-6

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6110-6

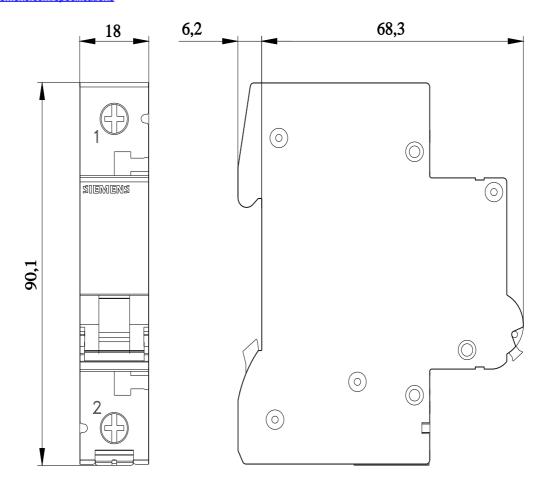
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6110-6

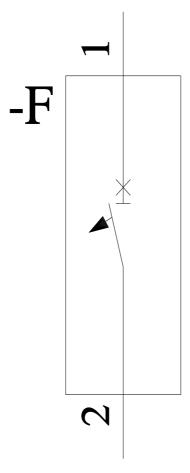
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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