SIEMENS

Data sheet

5SL6150-7



Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 50 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	С					
mechanical service life (operating cycles) typical	10 000					
overvoltage category	Ш					
degree of pollution	2					
Voltage						
type of voltage of the operating voltage	AC					
insulation 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 voltage at AC rated value	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 	72 V					
Protection class						
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	3.8 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 mm ²			
connectable conductor of	cross-section stranded		20 11111			
• minimum			0.75 mm²			
maximum			25 mm ²			
connectable conductor of end processing	cross-section finely strar	ded with core	20 1111			
• minimum			0.75 mm ²			
 maximum 			25 mm²			
tightening torque with so	rew-type terminals					
• minimum	<i>,</i>		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 widt	nunits		1			
mounting position			any			
net weight			155 g			
Environmental condition	IS		100 g			
ambient temperature du						
minimum	ning operation		-25 °C			
• maximum			-23°C 45 °C			
ambient temperature du	ring storage		45 0			
minimum	ning storage		-40 °C			
• maximum			-40 °C 75 °C			
General Product Appr	oval		15 0		Declaration of Confor	mity
General i Toduct Appi	ovai				Declaration of Como	linty
CEBEC	<u>Confirmation</u>	DE	`	EHC	CE EG-Konf.	UK CA
other		Environment				
Miscellaneous	Confirmation	Environmental firmations				
Further information						
Siemens has decided the https://press.siemens.co			own-rueeian b	usiness		
Siemens is working or Please contact your loca EAC relevant market (of Information on the pac https://support.industry.s	the renewal of the cu al Siemens office on the her than the sanctioned kaging siemens.com/cs/ww/en/v	rrent EAC certifica status of validity of EAEU member sta <u>view/109813875</u>	ates. f the EAC cert	ification if you inte	nd to import or offer to supp	oly these products to an
Information- and Dowr http://www.siemens.com	n/lowvoltage/catalogs	Brochures,)				

Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6150-7

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6150-7

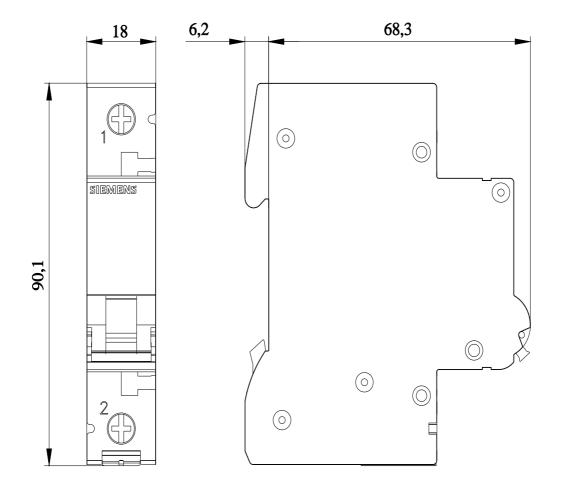
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6150-7

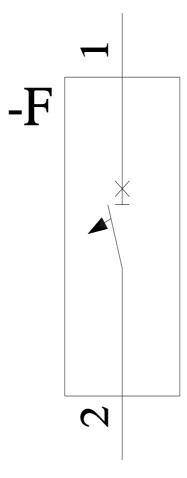
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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