SIEMENS

Data sheet

5SL6140-7



Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 40 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	III				
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	3.3 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					

			0.75 mm²			
• minimum						
maximum connectable conductor	cross section stranded		25 mm²			
minimum			0.75 mm²			
• maximum			25 mm ²			
	cross-section finely strar	ided with core	25 11111			
• minimum			0.75 mm ²			
 maximum 			25 mm²			
tightening torque with so	crew-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 widt	h units		1			
mounting position			any			
net weight			145 g			
Environmental condition	ns					
ambient temperature du	Iring operation					
• minimum	0 1		-25 °C			
maximum			45 °C			
ambient temperature du	Iring storage					
• minimum	3		-40 °C			
• maximum			75 °C			
General Product Appr	oval				Declaration of Confo	ormity
_	Confirmation	•			1.112	
CEBEC	<u>Confirmation</u>	VDE		EHC	UK CA	EG-Konf.
other		Environment				
<u>Miscellaneous</u>	<u>Confirmation</u>	Environmental firmations				
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 or Please contact your loca	n the renewal of the cu	rrent EAC certificates status of validity of	ates. the EAC cert	ification if you inte	nd to import or offer to sup	ply these products to an
Information on the page	ckaging	iou/100010075				
https://support.industry. Information- and Down http://www.siemens.com	nloadcenter (Catalogs,					
Industry Mall (Online on https://mall.industry.sier	ordering system)	talog/product?mlfb	<u>=5SL6140-7</u>			

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

https://support.industry.siemens.com/cs/ww/en/ps/5SL6140-7

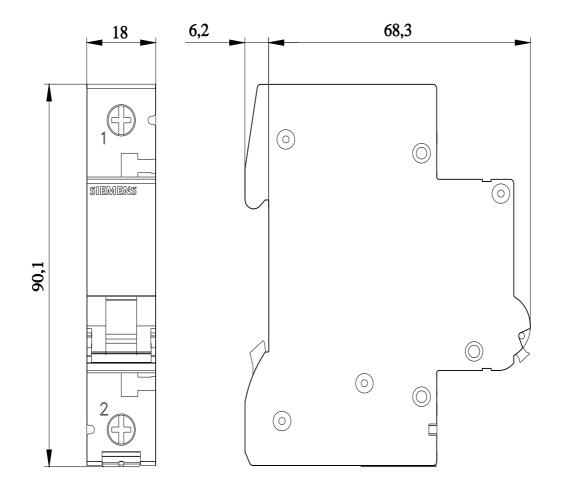
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6140-7

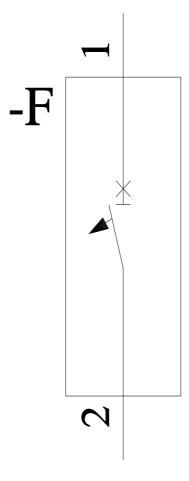
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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