## SIEMENS

## Data sheet

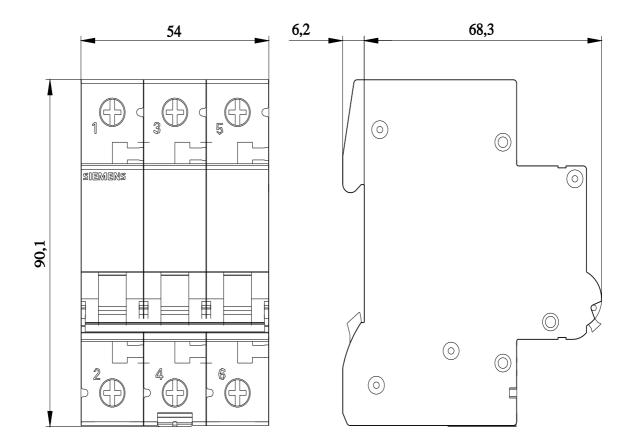
## 5SL6306-6

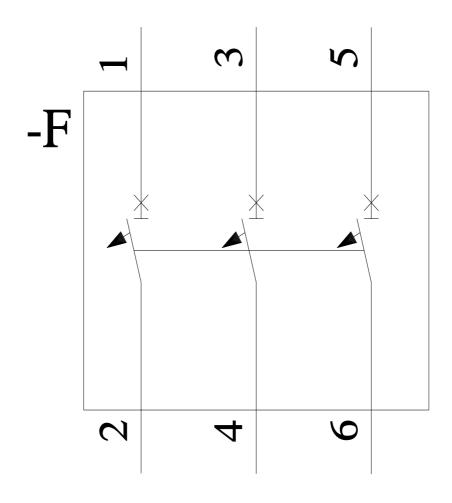


Miniature circuit breaker 400 V 6kA, 3-pole, B, 6A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	3		
design of pole	3P		
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		
insulation voltage (Ui)			
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	440 V		
Supply voltage			
supply voltage at AC rated value	400 V		
value range of the supply voltage frequency	50/60 Hz		
operating voltage			
<ul> <li>with multi-phase operation at AC maximum</li> </ul>	440 V		
<ul> <li>at DC rated value maximum</li> </ul>	72 V		
Protection class			
protection class IP	IP20, with connected conductors		
Switching capacity			
switching capacity current			
<ul> <li>according to EN 60898 rated value</li> </ul>	6 kA		
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	6 kA		
energy limitation class	3		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	0.9 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		

<ul> <li>maximum</li> </ul>		25 m	nm²			
connectable conductor	cross-section stranded					
• minimum		0.75	mm²			
• maximum		25 m	1m²			
connectable conductor end processing	cross-section finely strand	led with core				
• minimum		0.75	mm²			
• maximum		25 m	1m²			
tightening torque with se	crew-type terminals					
• minimum		2.5 N	l∙m			
<ul> <li>maximum</li> </ul>		3 N·r	n			
Mechanical Design						
height		90 m	90 mm			
width		54 m	54 mm			
		76 m				
depth						
installation depth number of modular width units			70 mm			
			3			
mounting position		any	a			
net weight		350	350 g			
Environmental condition		_		_	_	
ambient temperature du	iring operation					
<ul> <li>minimum</li> </ul>		-25 °	C			
<ul> <li>maximum</li> </ul>		45 °(	2			
ambient temperature du	iring storage					
<ul> <li>minimum</li> </ul>		-40 °	C			
<ul> <li>maximum</li> </ul>		75 °C	C			
General Product App	roval				Declaration of Con- formity	
CEBEC	<u>Confirmation</u>	VDE	ISE	EHC	CE EG-Konf.	
Declaration of Con- formity	other		Environment			
UK CA	<u>Confirmation</u>	<u>Miscellaneous</u>	Environmental Con- firmations			
	to exit the Russian mark					
Please contact your loc EAC relevant market (o Information on the par https://support.industry. Information- and Down http://www.siemens.com Industry Mall (Online of https://mall.industry.sier Service&Support.industry. Image database (prod	ther than the sanctioned E ckaging siemens.com/cs/ww/en/vi nloadcenter (Catalogs, E n/lowvoltage/catalogs ordering system) mens.com/mall/en/en/Cata nuals, Certificates, Chara siemens.com/cs/ww/en/ps uct images, 2D dimensio siemens.com/bilddb/cax_e	tatus of validity of the EA EAEU member states Ru: ew/109813875 Brochures,) alog/product?mlfb=5SL63 acteristics, FAQs,) s/5SL6306-6 on drawings, 3D models	3 <u>06-6</u> s, device circuit diagrams,		ply these products to an	





8/12/2022 🖸