## SIEMENS

## Data sheet

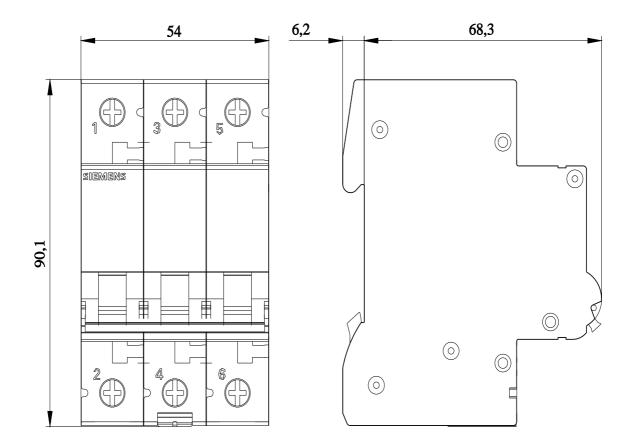
## 5SL6316-7

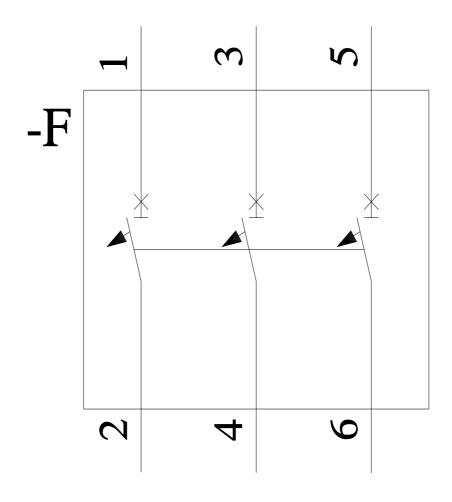


Miniature circuit breaker 400 V 6kA, 3-pole, C, 16A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	3		
design of pole	3P		
tripping characteristic class	C		
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	1.8 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		

<ul> <li>maximum</li> </ul>		25 m	าm²			
connectable conductor	cross-section stranded					
• minimum		0.75	mm <sup>2</sup>			
• maximum		25 m	1m²			
connectable conductor end processing	cross-section finely strand	ed with core				
• minimum		0.75	mm²			
• maximum		25 m	25 mm²			
tightening torque with se	crew-type terminals					
minimum		2.5 1	2.5 N·m			
<ul> <li>maximum</li> </ul>		3 N·I	m			
Mechanical Design						
		90 m				
heightwidth			54 mm			
			76 mm			
depth		70 m				
installation depth						
number of modular widt			3			
mounting position			any			
net weight		345	345 g			
Environmental condition	ns					
ambient temperature du	uring operation					
• minimum		-25 °	°C			
<ul> <li>maximum</li> </ul>		45 °(	С			
ambient temperature du	uring storage					
<ul> <li>minimum</li> </ul>		-40 °	O.			
<ul> <li>maximum</li> </ul>		75 °(	C			
General Product App	roval				Declaration of Con- formity	
	<u>Confirmation</u>	VDE	ISE	EHC	CE EG-Konf.	
Declaration of Con- formity	other		Environment			
UK CA	Confirmation	<u>Miscellaneous</u>	Environmental Con- firmations			
Further information Siemens has decided	to exit the Russian mark	(et (see here).	scian-husinass			
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 (Mar https://support.industry. Image database (prod	ther than the sanctioned E ckaging siemens.com/cs/ww/en/vie 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,) 5/5SL6316-7 on drawings, 3D models	<u>316-7</u> s, device circuit diagrams,		ply these products to an	





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