## SIEMENS

## Data sheet

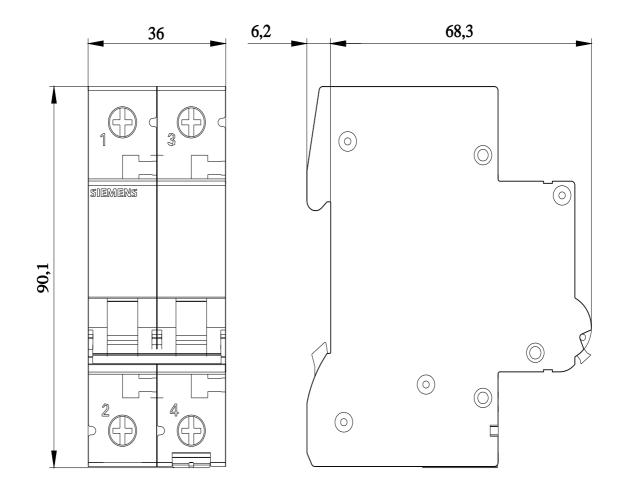
## 5SL6220-7

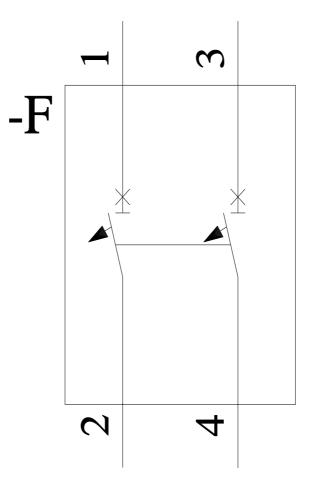


Miniature circuit breaker 400 V 6kA, 2-pole, C, 20 A

Model						
product brand name	SENTRON					
product designation	Miniature circuit breaker					
General technical data						
number of poles	2					
design of pole	2P					
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)						
<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	2.2 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 mm <sup>2</sup>					

maximum		25 m	1m²			
connectable conductor	cross-section stranded					
• minimum		0.75	mm <sup>2</sup>			
<ul> <li>maximum</li> </ul>		25 m	1m²			
connectable conductor end processing	cross-section finely strand	ed with core				
<ul> <li>minimum</li> </ul>		0.75	mm²			
• maximum		25 m	1m²			
tightening torque with so	crew-type terminals					
<ul> <li>minimum</li> </ul>			l∙m			
• maximum		3 N·I	3 N·m			
Mechanical Design						
height		90 m	ım			
width		36 m	36 mm			
			76 mm			
depth			70 mm			
number of modular widt	installation depth					
		2				
mounting position			any			
net weight		230	230 g			
Environmental condition						
ambient temperature du	iring operation					
<ul> <li>minimum</li> </ul>	• minimum		C			
<ul> <li>maximum</li> </ul>		45 °C	0			
ambient temperature du	iring storage					
<ul> <li>minimum</li> </ul>		-40 °	C			
<ul> <li>maximum</li> </ul>		75 °C	0			
General Product Appr	oval				Declaration of Con- formity	
CEBEC	<u>Confirmation</u>	UDE VDE	<u>TSE</u>	EHC	CE EG-Konf.	
Declaration of Con- formity	other		Environment			
UK CA	<u>Confirmation</u>	<u>Miscellaneous</u>	Environmental Con- firmations			
Further information Siemens has decided	to exit the Russian mark	tet (see here).	rsian husinese			
Please contact your loca EAC relevant market (or 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 (produ	ther than the sanctioned E ckaging siemens.com/cs/ww/en/vie hloadcenter (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 AEU member states Ru: arochures,) alog/product?mlfb=5SL62 acteristics, FAQs,) 5/5SL6220-7 on drawings, 3D models	2 <u>20-7</u> s, device circuit diagrams,		ply these products to an	





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