## SIEMENS

## Data sheet

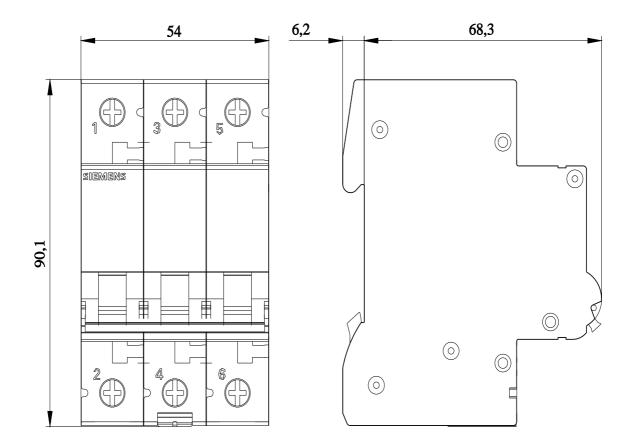
## 5SL6320-6

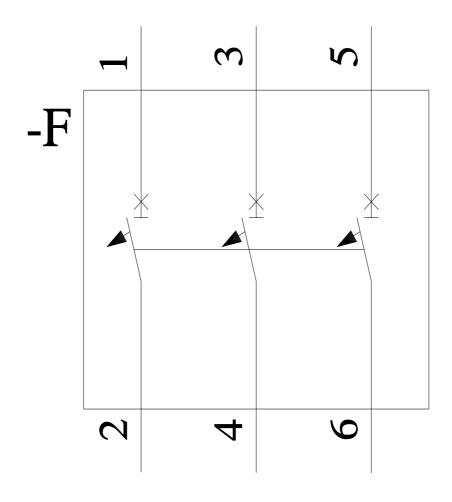


Miniature circuit breaker 400 V 6kA, 3-pole, B, 20 A

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	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	

<ul> <li>maximum</li> </ul>						
		2	5 mm²			
connectable conductor	cross-section stranded					
<ul> <li>minimum</li> </ul>		0.	75 mm²			
maximum			5 mm²			
connectable conductor end processing	cross-section finely stranded	d with core				
<ul> <li>minimum</li> </ul>		0.	75 mm²			
maximum		2	5 mm²			
tightening torque with se	crew-type terminals					
<ul> <li>minimum</li> </ul>		2.	5 N·m			
maximum		3	N∙m			
Mechanical Design						
height		90	90 mm			
width		54	4 mm			
depth		70	3 mm			
installation depth		70	) mm			
number of modular width units		3				
mounting position		a	лу			
net weight		3	55 g			
Environmental condition	ons					
ambient temperature du	uring operation					
• minimum		-2	25 °C			
<ul> <li>maximum</li> </ul>		4	5 °C			
ambient temperature du	uring storage					
• minimum		-4	O° 0.			
<ul> <li>maximum</li> </ul>		7	5 °C			
General Product Appr	roval				Declaration of Con- formity	
	<b>Confirmation</b>		<u>TSE</u>	C D F		
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Declaration of Con- formity	other	VDE	Environment	CUL	CA	
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