## SIEMENS

## Data sheet

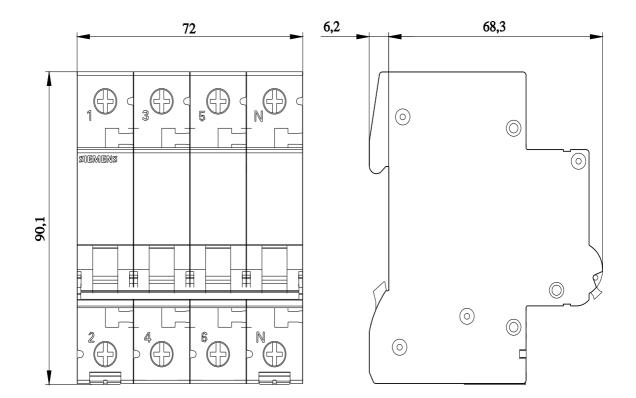
## 5SL6606-7

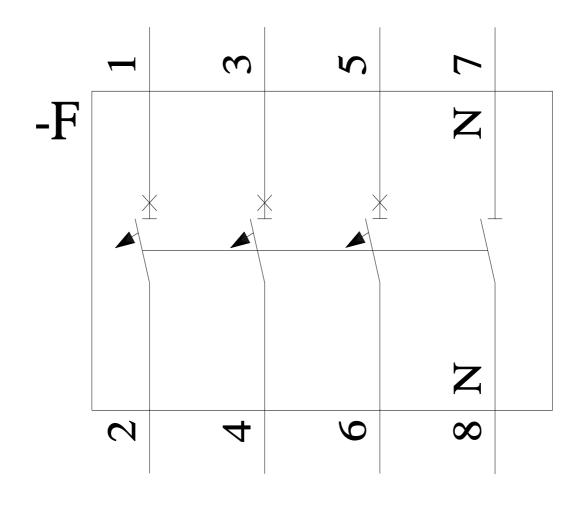


Miniature circuit breaker 400 V 6kA, 3+N-pole, C, 6A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	4
design of pole	3P+N
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	1.6 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     connectable conductor		25 m	nm²		
	cross-section stranded	2011			
<ul> <li>minimum</li> </ul>		0.75	mm²		
• maximum		25 m			
	cross-section finely strand				
• minimum		0.75	mm²		
maximum		25 m			
tightening torque with s	crew-type terminals				
<ul> <li>minimum</li> </ul>		2.5 1	√·m		
• maximum		3 N·1			
Mechanical Design		0 N I			
, in the second s		90 m	200		
height width		90 m 72 m			
depth		76 m			
installation depth		70 m	ım		
number of modular wid	th units	4			
mounting position		any			
net weight		440	g		
Environmental conditio	ns				
ambient temperature du	uring operation				
<ul> <li>minimum</li> </ul>		-25 °	°C		
<ul> <li>maximum</li> </ul>		45 °0	C		
ambient temperature du	uring storage				
<ul> <li>minimum</li> </ul>		-40 °	°C		
<ul> <li>maximum</li> </ul>		75 °C	С		
Approvals Certificates					
General Product App	Confirmation	^			Declaration of Con- formity
CEBEC		VDE	EHC		UK CA
Declaration of Con- formity	other		Environment		
CE	<u>Confirmation</u>	<u>Miscellaneous</u>	Environmental Con- firmations		
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