## SIEMENS

## Data sheet

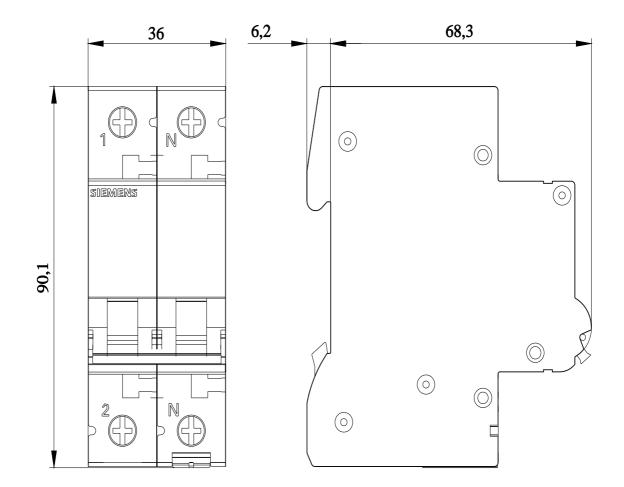
## 5SL6510-6

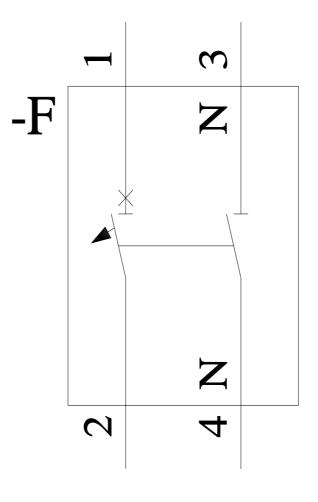


Miniature circuit breaker 230 V 6kA, 1+N-pole, B, 10 A

Model	
product brand name S	ENTRON
product designation M	liniature circuit breaker
General technical data	
number of poles 2	
design of pole 11	P+N
tripping characteristic class B	
mechanical service life (operating cycles) typical 10	0 000
overvoltage category III	l de la constante de
degree of pollution 2	
Voltage	
type of voltage of the operating voltage A	С
insulation voltage (Ui)	
• with single-phase operation at AC rated value 25	50 V
Supply voltage	
supply voltage at AC rated value 23	30 V
value range of the supply voltage frequency 50	0/60 Hz
operating voltage	
at DC rated value maximum	2 V
Protection class	
protection class IP IP	220, with connected conductors
Switching capacity	
switching capacity current	
according to EN 60898 rated value     6	kA
according to IEC 60947-2 rated value     6	kA
energy limitation class 3	
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	6 W
suitability for operation R	esidential buildings/infrastructure
Product details	
product feature	
halogen-free Ye	es
• sealable Ye	es
• silicon-free Ye	es
product extension installable supplementary devices Ye	es
Connections	
connectable conductor cross-section solid	
• minimum 0.	.75 mm²
• minimum 0.	

connectable conductor	cross-section stranded				
<ul> <li>minimum</li> </ul>		0.75	5 mm²		
<ul> <li>maximum</li> </ul>		25 n	nm²		
connectable conductor end processing	cross-section finely strande	ed with core			
<ul> <li>minimum</li> </ul>		0.75	i mm²		
<ul> <li>maximum</li> </ul>		25 n	nm²		
ightening torque with s	crew-type terminals				
• minimum		2.5	N∙m		
• maximum		3 N·			
echanical Design		011			
neight		90 n	979		
vidth		36 n			
		76 n			
lepth					
nstallation depth		70 n	am		
number of modular widt		2			
nounting position		any			
net weight		215	g		
vironmental conditio	ns				
ambient temperature du	uring operation				
<ul> <li>minimum</li> </ul>		-25	°C		
<ul> <li>maximum</li> </ul>		45 °	С		
ambient temperature du	uring storage				
• minimum		-40	°C		
<ul> <li>maximum</li> </ul>		75 °	С		
oprovals Certificates					
General Product App	roval		ISE		formity
General Product Appr		UDE VDE	TSE	EAC	Declaration of Conformity
General Product Appr CEBEC CEBEC Declaration of Con- formity		UDE VDE	<u>TSE</u> Environment	EAC	formity
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