## SIEMENS

## Data sheet

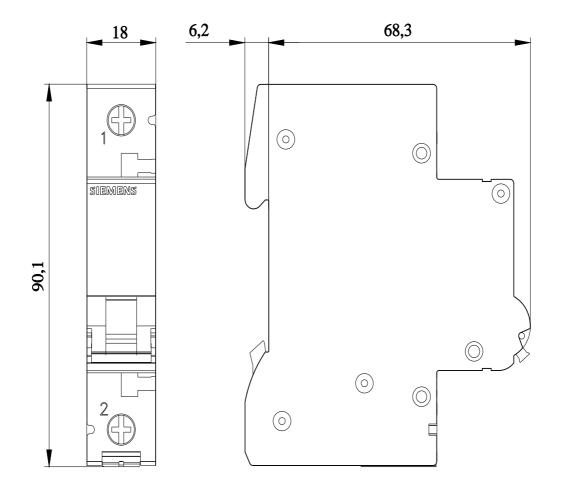
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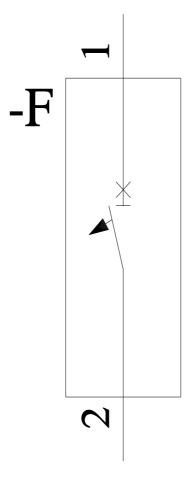


Miniature circuit breaker 230/400 V 6kA, 1-pole, B, 6A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	1
design of pole	1P
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 single-phase operation at AC rated value</li> </ul>	250 V
<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	0.9 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	

			0.75 mana?		
• minimum			0.75 mm²		
maximum		·	25 mm²		
	cross-section stranded				
• minimum			0.75 mm²		
maximum			25 mm²		
end processing	cross-section finely strand				
<ul> <li>minimum</li> </ul>			0.75 mm²		
maximum			25 mm²		
tightening torque with s	screw-type terminals				
<ul> <li>minimum</li> </ul>		:	2.5 N·m		
<ul> <li>maximum</li> </ul>		:	3 N·m		
Mechanical Design					
height		9	90 mm		
width			18 mm		
depth			76 mm		
installation depth			70 mm		
number of modular wid	Ith units		1		
mounting position		i	any		
net weight			115 g		
Environmental conditio	ons				
ambient temperature de	uring operation				
• minimum			-25 °C		
<ul> <li>maximum</li> </ul>			45 °C		
ambient temperature di	uring storage				
• minimum	0 0		-40 °C		
maximum			75 °C		
					Declaration of Con-
General Product App	roval				formity
CEBEC	<u>Confirmation</u>		ISE	EAC	CE EG-Konf.
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