SIEMENS

Data sheet

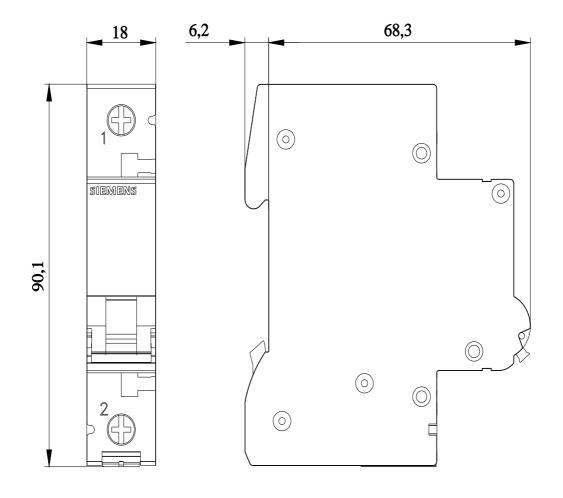
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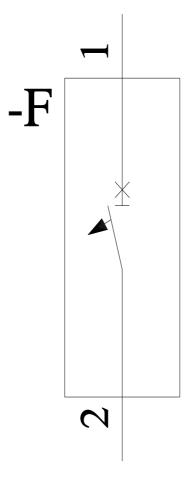


Miniature circuit breaker 230/400 V 6kA, 1-pole, B, 25A

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)	
 with single-phase operation at AC rated value 	250 V
 with multi-phase operation at AC rated value 	440 V
Supply voltage	
supply voltage at AC rated value	400 V
value range of the supply voltage frequency	50/60 Hz
operating voltage	
 with multi-phase operation at AC maximum 	440 V
 at DC rated value maximum 	72 V
Protection class	
protection class IP	IP20, 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	2.8 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 mm²			
maximum			5 mm²			
connectable conductor	cross-section stranded	20				
minimum		0.	75 mm²			
maximum			5 mm²			
	cross-section finely strand					
• minimum		0.	75 mm²			
• maximum			6 mm²			
tightening torque with s	crew-type terminals					
• minimum		2.	5 N·m			
maximum			N·m			
Mechanical Design		0				
height		00	mm			
width						
depth			8 mm 6 mm			
•			mm			
installation depth	th unite	1				
number of modular widt			N.			
mounting position		an				
net weight		12	:0 g			
Environmental conditio		_				
ambient temperature du	uring operation		- 00			
• minimum			5 °C			
maximum	• •	45	°C			
ambient temperature du	uring storage					
• minimum			0° 0			
 maximum 		75	0°C			
General Product App	roval				Declaration of Con- formity	
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