SIEMENS

Data sheet

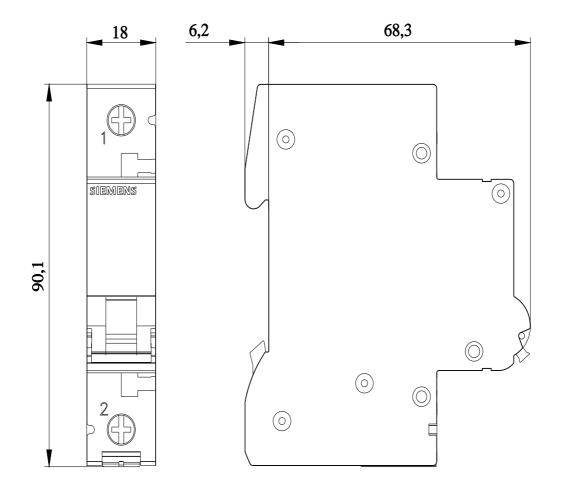
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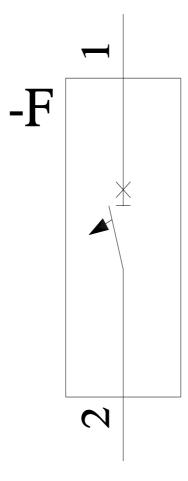


Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 4A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	1
design of pole	1P
tripping characteristic class	С
mechanical service life (operating cycles) typical	10 000
overvoltage category	Ш
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	0.7 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).75 mm²		
• maximum			25 mm²		
connectable conductor	cross section stranded	2	LO IIIII		
			75 mana ²		
• minimum).75 mm²		
maximum	cross-section finely strande		25 mm²		
end processing					
• minimum).75 mm²		
maximum		2	25 mm²		
tightening torque with s	crew-type terminals				
 minimum 		2	2.5 N·m		
 maximum 			3 N·m		
Mechanical Design					
height		ę	90 mm		
width			18 mm		
depth		7	76 mm		
installation depth		7	70 mm		
number of modular wid	th units		1		
mounting position		á	any		
net weight			120 g		
Environmental conditio	ns		Ŭ		
ambient temperature du					
minimum			25 °C		
maximum			15 °C		
	uring storage		+5 0		
ambient temperature du • minimum	anng storage		40 °C		
			40°C 75 °C		
maximum		· · · · · · · · · · · · · · · · · · ·	50		Declaration of Con-
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