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Data sheet

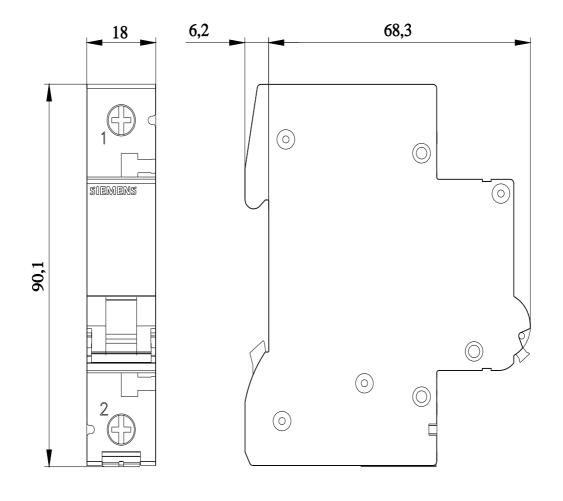
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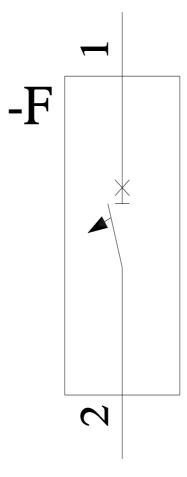


Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 1 A

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	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
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	1.2 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 ²

maximum					
		25 r	mm²		
connectable conductor	cross-section stranded				
 minimum 		0.7	5 mm²		
maximum		25 r	mm²		
connectable conductor end processing	cross-section finely strand	led with core			
 minimum 		0.75	5 mm²		
 maximum 		25 !	mm²		
tightening torque with s	crew-type terminals				
• minimum		2.5	N·m		
 maximum 		3 N	·m		
Mechanical Design					
height		1 00	mm		
width		18 г			
		76 г			
depth					
installation depth		70 г	nm		
number of modular widt	ui units	1			
mounting position		any			
net weight		145	145 g		
Environmental conditio	ins				
ambient temperature du	uring operation				
 minimum 		-25	°C		
 maximum 		45 [°]	°C		
ambient temperature du	uring storage				
 minimum 		-40	°C		
 maximum 		75 °	°C		
General Product App	roval				Declaration of Con- formity
	<u>Confirmation</u>	DE	<u>TSE</u>	EHC	EG-Konf.
Declaration of Con-	other		Environment		
formity					
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