## SIEMENS

## Data sheet

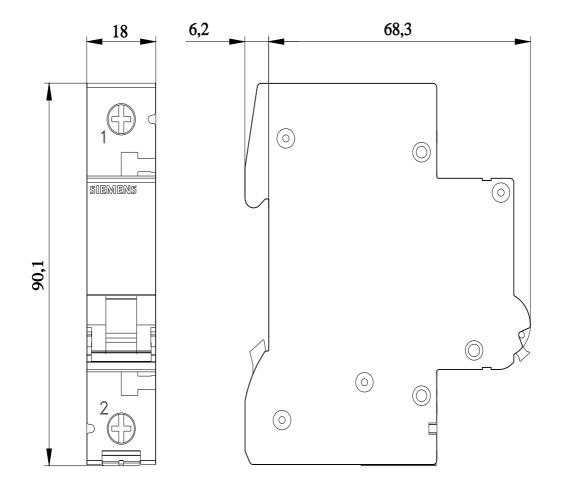
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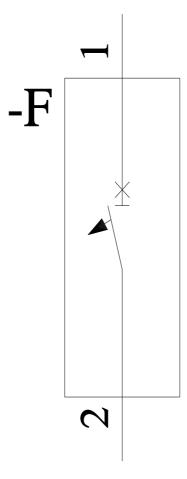


Miniature circuit breaker 230/400 V 6kA, 1-pole, C, 10 A

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)				
<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	1.3 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 mm <sup>2</sup>			
		25 mm²			
cross-section stranded					
		0.75 mm <sup>2</sup>			
		25 mm²			
cross-section finely strand	ded with core				
		0.75 mm <sup>2</sup>			
		25 mm²			
crew-type terminals					
		2.5 N·m			
		3 N∙m			
		90 mm			
		any			
		115 g			
ns					
uring operation					
		-25 °C			
		45 °C			
uring storage					
		-40 °C			
		75 °C			
roval					Declaration of Con- formity
<u>Confirmation</u>	VDE		TSE	EHC	CE EG-Konf.
Marine / Shipping	other			Environment	
DNVIGL	Confirmation		Miscellaneous	Environmental Con-	
DAVELEDINA				IIIIIalions	
		vn-russian-	business		
	cross-section finely strand acrew-type terminals th units th units uring operation uring storage roval Confirmation Marine / Shipping	cross-section finely stranded with core crew-type terminals th units th units uning operation uning storage roval Confirmation Marine / Shipping other	cross-section stranded 0.75 mm² 25 mm	cross-section stranded 0.75 mm² 25 mm	cross-section stranded 0.75 mm² 25 mm² 25 mm² cross-section finely stranded with core 0.75 mm² 25 mm² crew-type terminals 2.5 N·m 3.3 N·m 3.5 N·m 3.3 N·m 3.5





11/8/2022 🖸

9/12/2023