SIEMENS

Data sheet

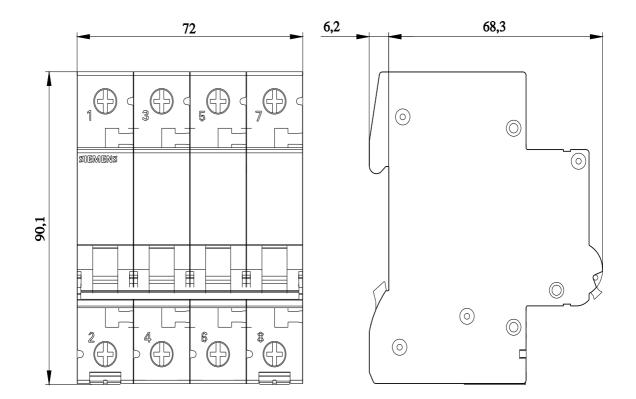
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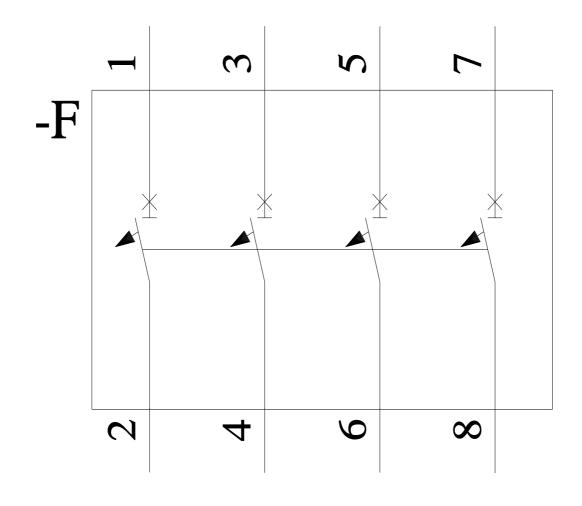


Miniature circuit breaker 400 V 6kA, 4-pole, C, 6A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	4
design of pole	4P
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 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	0.75 mm²

maximum		2	5 mm²		
connectable conductor	cross-section stranded				
 minimum 			.75 mm²		
maximum			5 mm²		
connectable conductor end processing	cross-section finely strand	ed with core			
 minimum 		0	.75 mm²		
 maximum 		2	5 mm²		
tightening torque with s	crew-type terminals				
 minimum 		2	5 N·m		
maximum		3	N·m		
Mechanical Design					
height		9	0 mm		
width		7	'2 mm		
depth		7	'6 mm		
installation depth	· · · · · · · · · · · · · · · · · · ·		'0 mm		
number of modular wid	th units	4			
mounting position		а	ny		
net weight		4	75 g		
Environmental conditio	ons				
ambient temperature du	uring operation				
 minimum 		-2	25 °C		
 maximum 		4	5 °C		
ambient temperature du	uring storage				
• minimum		-4	40 °C		
 maximum 		7	′5 °C		
Approvals Certificates					
General Product App	roval				Declaration of Con- formity
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9/6/2023 🖸