SIEMENS

Data sheet

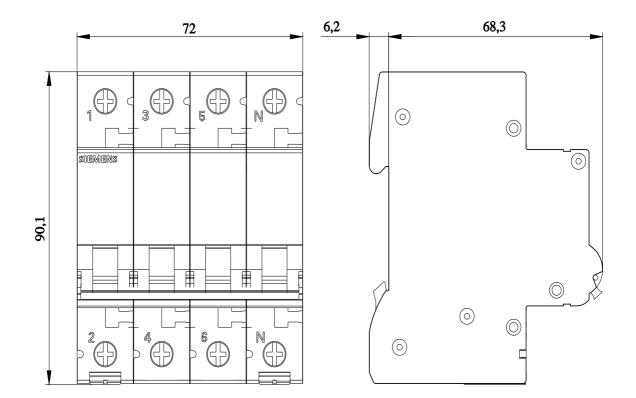
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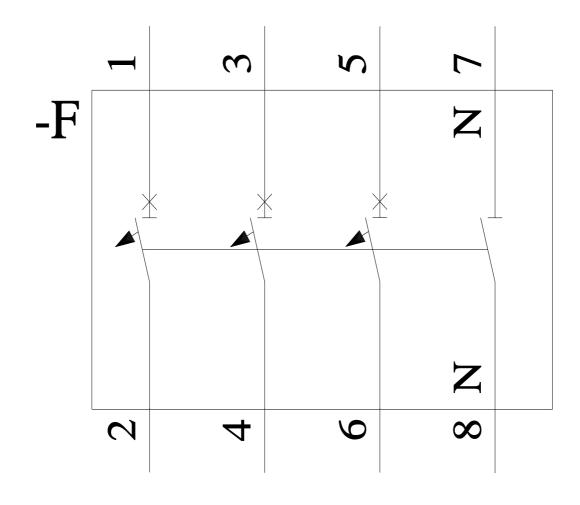


Miniature circuit breaker 400 V 6kA, 3+N-pole, C, 10 A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	4
design of pole	3P+N
tripping characteristic class	C
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	0.9 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	

 maximum 		25 r	nm²		
connectable conductor	cross-section stranded				
 minimum 		0.75	5 mm²		
 maximum 		25 r	nm²		
connectable conductor end processing	cross-section finely strande	ed with core			
 minimum 		0.75	5 mm²		
 maximum 		25 r	nm²		
tightening torque with s	crew-type terminals				
• minimum		2.5	N∙m		
 maximum 		3 N	m		
Mechanical Design					
height		1 00	nm		
width		72 г			
		721			
depth					
installation depth		70 г	nm		
number of modular wid	th units	4			
mounting position		any			
net weight		540	g		
Environmental condition	ons				
ambient temperature d	uring operation				
 minimum 		-25	°C		
 maximum 		45 °	С		
ambient temperature d	uring storage				
 minimum 		-40	°C		
 maximum 		75 °	С		
Approvals Certificates					
General Product App					formity
	Confirmation		rnr	V EMA	66
	<u>Confirmation</u>		EAC	KEMA	CE EG-Konf.
CEBEC	<u>Confirmation</u>	VDE	EHC		CE EG-Konf.
CEBEC CEBEC Declaration of Con- formity	Confirmation	VDE	Environment		CE EG-Konf.
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