SIEMENS

Data sheet

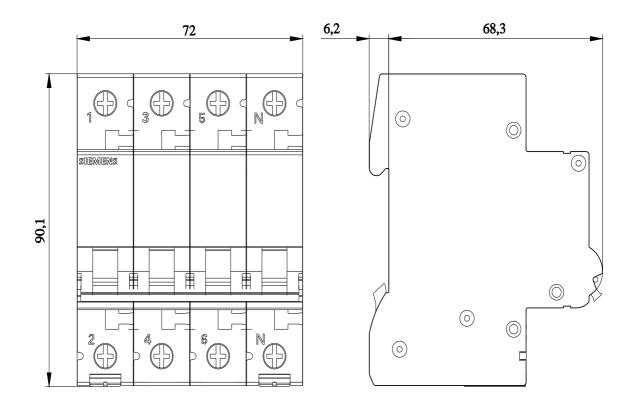
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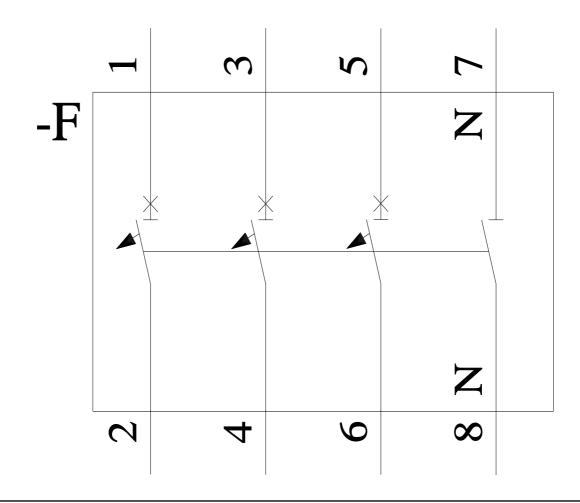


Miniature circuit breaker 400 V 6kA, 3+N-pole, C, 16A

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	Ш
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
operational current	
 at 30 °C rated value 	16 A
 at 40 °C rated value 	15.23 A
 at 55 °C rated value 	13.99 A
 at AC rated value 	16 A
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
Breaking 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	1.6 W
suitability for operation	Residential buildings/infrastructure
Product details	
product feature	
halogen-free	Yes
• sealable	Yes

 silicon-free 		Ye	S			
product extension instal	lable supplementary devices	Ye	Yes			
Connections						
connectable conductor	cross-section solid					
 minimum 		0.7	′5 mm²			
 maximum 		25	mm ²			
connectable conductor	cross-section stranded					
 minimum 		0.7	′5 mm²			
 maximum 		25	mm ²			
connectable conductor of end processing	cross-section finely stranded	with core				
 minimum 		0.7	′5 mm²			
 maximum 		25	mm²			
tightening torque with so	crew-type terminals					
 minimum 		2.5	5 N·m			
 maximum 		31	l∙m			
Mechanical Design						
height		90	mm			
width		72	mm			
depth		76	mm			
installation depth		70	mm			
number of modular widt	h units	4				
mounting position		an	y			
net weight		58	0 g			
Environmental condition	ns					
ambient temperature du	Iring operation					
• minimum		-28	5 °C			
 maximum 		45	°C			
ambient temperature du	Iring storage					
• minimum		-4(O°C			
 maximum 		75	°C			
 maximum Approvals Certificates 		75	°C	_		
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