SIEMENS

Data sheet

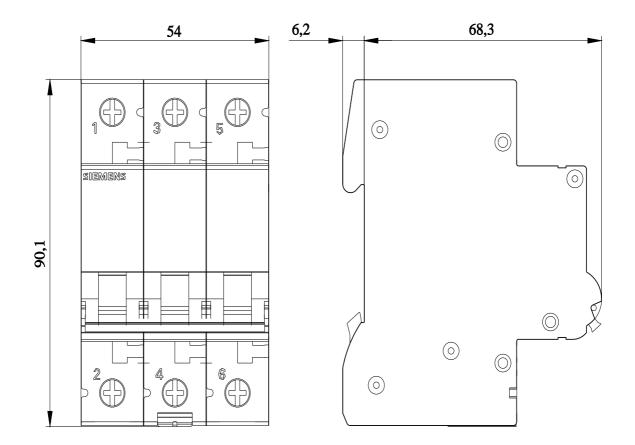
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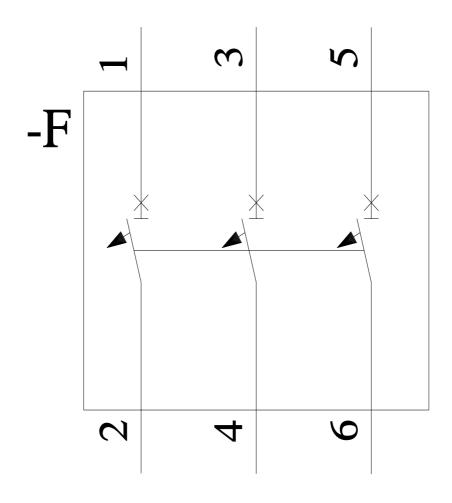


Miniature circuit breaker 400 V 6kA, 3-pole, C, 20 A

Model				
product brand name	SENTRON			
product designation	Miniature circuit breaker			
General technical data				
number of poles	3			
design of pole	3P			
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	2.2 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	5 mm²			
connectable conductor	cross-section stranded					
• minimum		0.	0.75 mm ²			
• maximum			5 mm²			
connectable conductor end processing	cross-section finely strand	ed with core				
• minimum		0.	75 mm²			
● maximum			5 mm²			
tightening torque with so	crew-type terminals					
• minimum			2.5 N·m			
• maximum			N∙m			
Mechanical Design						
height			90 mm			
width		54	54 mm			
depth		76	76 mm			
installation depth		70) mm			
number of modular widt	number of modular width units		3			
mounting position		a	any			
net weight			345 g			
Environmental condition	าร					
ambient temperature du	ring operation					
• minimum			5 °C			
 maximum 		4	5 °C			
ambient temperature du	ring storage					
• minimum		-4	0 °C			
 maximum 		75	5 °C			
General Product Appr	oval				Declaration of Con- formity	
CEBEC	<u>Confirmation</u>	VDE	<u>TSE</u>	EHC	UK CA	
Declaration of Con- formity	other		Environment			
CE EG-Konf.	<u>Confirmation</u>	<u>Miscellaneous</u>	Environmental Con- firmations			
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Please contact your loc: EAC relevant market (or Information on the part https://support.industry. Information- and Down http://www.siemens.com Industry Mall (Online of https://mall.industry.sier Service&Support (Mar	ther than the sanctioned E staging siemens.com/cs/ww/en/vie nloadcenter (Catalogs, B n/lowvoltage/catalogs	tatus of validity of the AEU member states w/109813875 crochures,)	EAC certification if you inten Russia or Belarus).	d to import or offer to sup	ply these products to an	
Image database (prod	uct images, 2D dimensio iemens.com/bilddb/cax_e n/cax	n drawings, 3D mod	els, device circuit diagram <u>0-7</u>	s,)		





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