SIEMENS

Data sheet

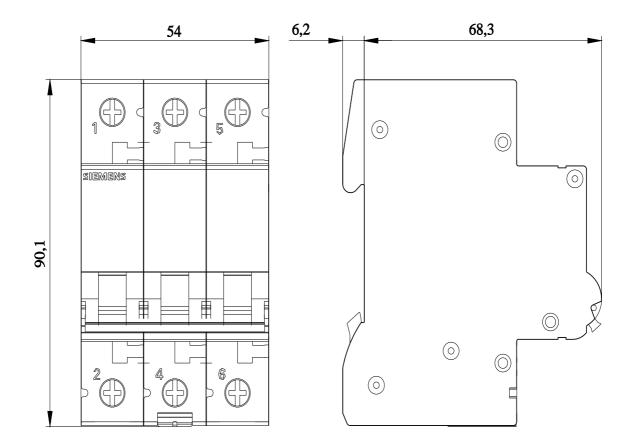
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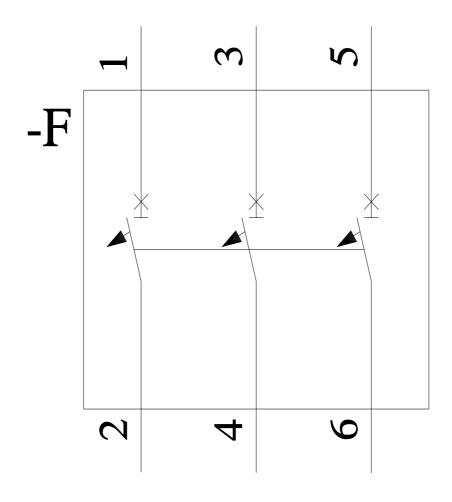


Miniature circuit breaker 400 V 6kA, 3-pole, C, 8A

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	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 mm ²		

maximum		25 n	1m²			
connectable conductor	cross-section stranded					
• minimum			0.75 mm ²			
maximum		25 n	1m²			
connectable conductor cross-section finely stranded with core end processing		ed with core				
• minimum		0.75	mm²			
• maximum		25 n	nm²			
tightening torque with s	crew-type terminals					
• minimum		2.5 1	N·m			
 maximum 		3 N·	m			
Mechanical Design						
height	height		90 mm			
width		54 n	ım			
depth		76 n	nm			
installation depth		70 n	าทา			
number of modular wid	th units	3				
mounting position		any				
net weight			360 g			
Environmental conditio	ns					
ambient temperature du						
minimum		-25 °	°C			
maximum		45 °				
ambient temperature du	uring storage	+5	0			
minimum	aning storage	-40	20			
		-40 75 °				
maximum		75	6		Declaration of Con-	
General Product App	roval				formity	
CEBEC	<u>Confirmation</u>	UDE VDE	<u>TSE</u>	EHC	UK CA	
Declaration of Con- formity	other		Environment			
CE EG-Konf.	<u>Confirmation</u>	Miscellaneous	Environmental Con- firmations			
Further information	to exit the Russian mark	et (see here)				
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