SIEMENS

Data sheet

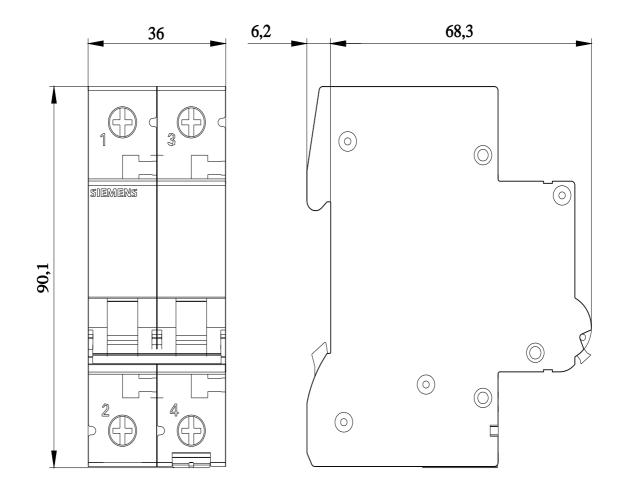
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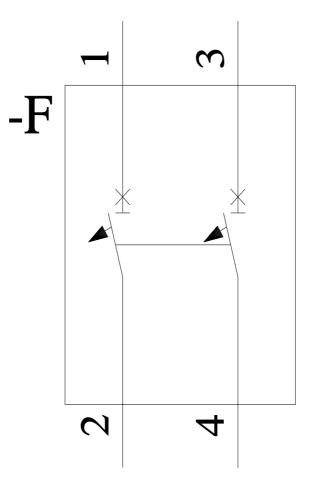


Miniature circuit breaker 400 V 6kA, 2-pole, C, 4A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	2
design of pole	2P
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 mm²

maximum		25 n	nm²			
connectable conductor	cross-section stranded					
● minimum		0.75	0.75 mm ²			
• maximum		25 n	nm²			
connectable conductor end processing	cross-section finely strande	ed with core				
• minimum		0.75	mm²			
• maximum		25 n	nm²			
tightening torque with screw-type terminals						
• minimum		2.5	N∙m			
• maximum		3 N·	m			
Mechanical Design						
height		90 n	90 mm			
width	width		36 mm			
depth	depth		76 mm			
installation depth		70 n	70 mm			
number of modular widt	number of modular width units		2			
mounting position		any	any			
net weight		235	235 g			
Environmental conditio	ns					
ambient temperature du	uring operation					
 minimum 		-25	°C			
 maximum 		45 °	С			
ambient temperature du	uring storage					
 minimum 		-40	°C			
 maximum 		75 °	С			
General Product App	roval				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>Miscellaneous</u>	<u>Confirmation</u>	Environmental Con- firmations			
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