SIEMENS

Data sheet

5SL6220-7

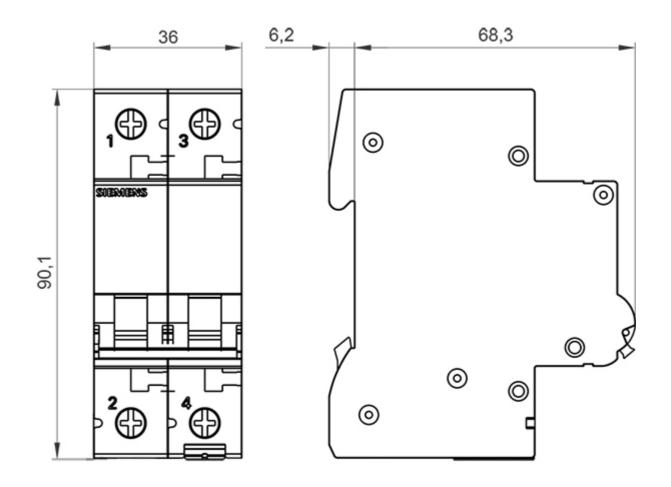


Miniature circuit breaker 400 V 6kA, 2-pole, C, 20 A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	
number of poles	2
tripping characteristic class	С
mechanical service life (switching cycles) / typical	10 000
overvoltage category	III
degree of pollution	2
Voltage	
type of voltage / of the operating voltage	AC
insulation voltage	
 with multi-phase operation / at AC / rated value 	440 V
Supply voltage	
supply voltage / at AC / rated value	400 V
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	
 acc. to EN 60898 / rated value 	6 kA
 acc. 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
Current	-
operational current	
 operational current at 30 °C / rated value 	20 A
	20 A 18.79 A
• at 30 °C / rated value	
 at 30 °C / rated value at 40 °C / rated value 	18.79 A
 at 30 °C / rated value at 40 °C / rated value at 45 °C / rated value 	18.79 A 18.6 A
 at 30 °C / rated value at 40 °C / rated value at 45 °C / rated value at 55 °C / rated value 	18.79 A 18.6 A 16.8 A

No Yes Yes Yes Yes 0.75 mm ² 25 mm ²		
Yes Yes Yes 0.75 mm ²		
Yes Yes Yes 0.75 mm ²		
Yes Yes Yes 0.75 mm ²		
Yes Yes 0.75 mm ²		
Yes 0.75 mm ²		
0.75 mm²	_	
	_	
25 mm ²		
_		
0.75 mm ²		
25 mm²		
-		
0.75 mm ²		
25 mm²		
2.5 N·m		
3 N·m		
90 mm		
-		
-		
-		
-		
-		
230 g		
-25 °C		
45 °C		
-40 °C		
75 °C		
F		
F		
	Declaration of Conformity	other
EHC	CE EG-Konf.	Miscellaneous
	25 mm ² 0.75 mm ² 25 mm ² 0.75 mm ² 25 mm ² 2.5 N·m 3 N·m 2.5 N·m 3 N·m 90 mm 36 mm 76 mm 70 mm 2 any 230 g -25 °C 45 °C -40 °C 75 °C F F F	25 mm² 0.75 mm² 25 mm² 0.75 mm² 25 mm² 25 mm² 2.5 N·m 3 N·m 90 mm 36 mm 76 mm 70 mm 2 any 230 g

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