## SIEMENS

## Data sheet

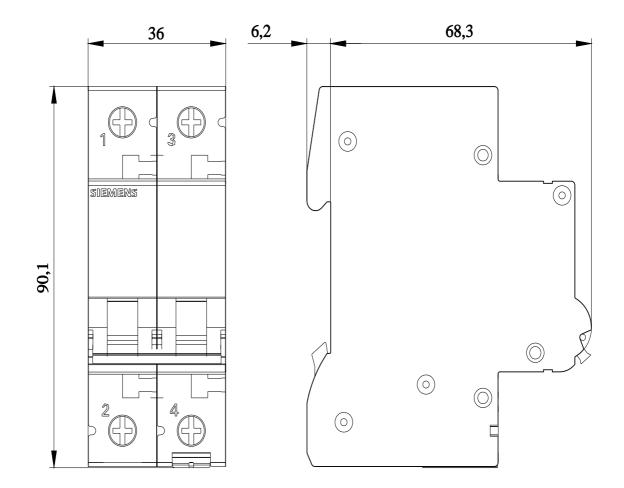
## 5SL6216-7

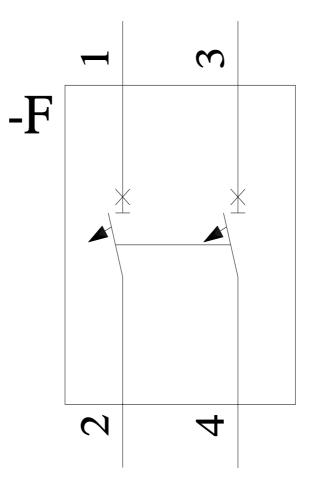


Miniature circuit breaker 400 V 6kA, 2-pole, C, 16A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	2		
design of pole	2P		
tripping characteristic class	С		
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)			
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	440 V		
Supply voltage			
supply voltage at AC rated value	400 V		
value range of the supply voltage frequency	50/60 Hz		
operating voltage			
<ul> <li>with multi-phase operation at AC maximum</li> </ul>	440 V		
• at DC rated value maximum	72 V		
Protection class			
protection class IP	IP20, with connected conductors		
Switching capacity			
switching capacity current			
<ul> <li>according to EN 60898 rated value</li> </ul>	6 kA		
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	6 kA		
energy limitation class	3		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	1.8 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 <sup>2</sup>		

<ul> <li>maximum</li> </ul>		25 r	nm²			
connectable conductor	cross-section stranded					
• minimum		0.75	0.75 mm <sup>2</sup>			
• maximum		25 r	nm²			
connectable conductor end processing	cross-section finely strand	ed with core				
• minimum		0.75	i mm²			
• maximum		25 r	25 mm²			
tightening torque with s	crew-type terminals					
• minimum		2.5	2.5 N·m			
<ul> <li>maximum</li> </ul>	• maximum		3 N·m			
Mechanical Design						
height			90 mm			
width		36 r	nm			
depth		76 r	nm			
installation depth	installation depth		70 mm			
number of modular wid	th units	2				
mounting position		any	any			
net weight		230	230 g			
Environmental conditio	ns					
ambient temperature du	uring operation					
• minimum			°C			
<ul> <li>maximum</li> </ul>	aximum		С			
ambient temperature du	uring storage					
• minimum	<u> </u>	-40	°C			
<ul> <li>maximum</li> </ul>		75 °	С			
General Product App	roval				Declaration of Con- formity	
					lonnity	
CEBEC	<u>Confirmation</u>	DE	<u>TSE</u>	EHC	UK CA	
Declaration of Con- formity	other		Environment			
CE EG-Konf.	<u>Confirmation</u>	Miscellaneous	Environmental Con- firmations			
Further information						
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