## SIEMENS

## Data sheet

## 5SL6516-7



Miniature circuit breaker 230 V 6kA, 1+N-pole, C, 16A

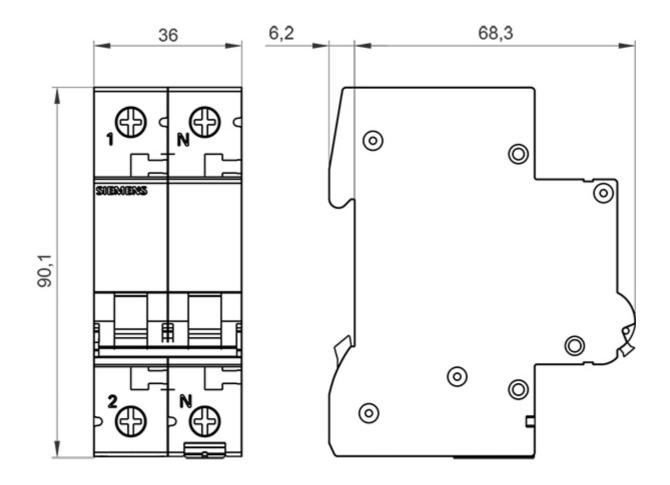
Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	2		
tripping characteristic class	С		
mechanical service life (switching cycles) / typical	10 000		
overvoltage category	III		
degree of pollution	2		
Voltage			
type of voltage / of the operating voltage	AC		
insulation voltage (Ui)			
<ul> <li>with single-phase operation / at AC / rated value</li> </ul>	250 V		
Supply voltage			
supply voltage / at AC / rated value	230 V		
operating voltage			
<ul> <li>at DC / rated value / maximum</li> </ul>	72 V		
Protection class			
protection class IP	IP20, with connected conductors		
Switching capacity			
switching capacity current			
<ul> <li>acc. to EN 60898 / rated value</li> </ul>	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	1.8 W		
Current			
operational current			
<ul> <li>at 30 °C / rated value</li> </ul>	16 A		
<ul> <li>at 40 °C / rated value</li> </ul>	15.23 A		
<ul> <li>at 45 °C / rated value</li> </ul>	14.88 A		
• at 55 °C / rated value	13.99 A		
• at AC / rated value	16 A		
suitability for operation	Residential buildings/infrastructure		
Product details			
product component / neutral conductor switching	Yes		

product feature / touch protection	Yes		
product feature			
<ul> <li>halogen-free</li> </ul>	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>		
• maximum	25 mm²		
connectable conductor cross-section / stranded			
• minimum	0.75 mm <sup>2</sup>		
• maximum	25 mm²		
connectable conductor cross-section / finely stranded / with core end processing			
• minimum	0.75 mm <sup>2</sup>		
• maximum	25 mm²		
tightening torque / with screw-type terminals			
• minimum	2.5 N·m		
• maximum	3 N·m		
Mechanical Design			
height	90 mm		
width	36 mm		
depth	76 mm		
installation depth	70 mm		
number of modular width units	2		
mounting position	any		
net weight	210 g		
Environmental conditions			
ambient temperature / during operation			
• minimum	-25 °C		
• maximum	45 °C		
ambient temperature / during storage			
• minimum	-40 °C		
● maximum	75 °C		
Certificates			
reference code			
• acc. to DIN EN 61346-2	F		
• acc. to IEC 81346-2	F		
General Product Approval		Declaration of Conformity	other
			Miscellaneous
CEBEC OVE	EAC	CE	
CEREC VDE	LIIL	EG-Konf.	
CEDEL VUE		a se transmi	

Further information

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6516-7 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SL6516-7 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SL6516-7 CAx-Online-Generator http://www.siemens.com/cax

Tender specifications



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