SIEMENS

Data sheet 5SL6625-7



Miniature circuit breaker 400 V 6kA, 3+N-pole, C, 25A

Model				
product brand name	SENTRON			
product designation	Miniature circuit breaker			
General technical data				
number of poles	4			
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)				
 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	2.6 W			
Current				
operational current				
operational current				
at 30 °C / rated value	25 A			
·	25 A 23.79 A			
• at 30 °C / rated value				
at 30 °C / rated valueat 40 °C / rated value	23.79 A			
 at 30 °C / rated value at 40 °C / rated value at 45 °C / rated value 	23.79 A 23 A			
 at 30 °C / rated value at 40 °C / rated value at 45 °C / rated value at 55 °C / rated value 	23.79 A 23 A 21.85 A			

product component / neutral conductor switching	Yes	Yes				
product feature / touch protection	Yes					
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 r	0.75 mm ²				
• maximum	25 mr	25 mm²				
connectable conductor cross-section / stranded						
• minimum	0.75	0.75 mm ²				
• maximum	25 mr	25 mm²				
connectable conductor cross-section / finely stranded / with core end processing						
• minimum	0.75 mm²					
• maximum	25 mm²					
tightening torque / with screw-type terminals						
• minimum	2.5 N·m					
• maximum	3 N·m					
Mechanical Design						
height	90 mm					
width	72 mm					
depth	76 mm					
installation depth	70 mm					
number of modular width units	4					
mounting position	any					
net weight	580 g					
Environmental conditions						
ambient temperature / during operation						
• minimum	-25 °C	-25 °C				
• maximum	45 °C	45 °C				
ambient temperature / during storage						
• minimum	-40 °(-40 °C				
• maximum	75 °C	75 °C				
Certificates						
reference code						
• acc. to DIN EN 61346-2	F					
	F					
• acc. to IEC 81346-2	Г					









Miscellaneous

Further information

 $Information-\ and\ Download center\ (Catalogs,\ Brochures,...)$

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SL6625-7

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

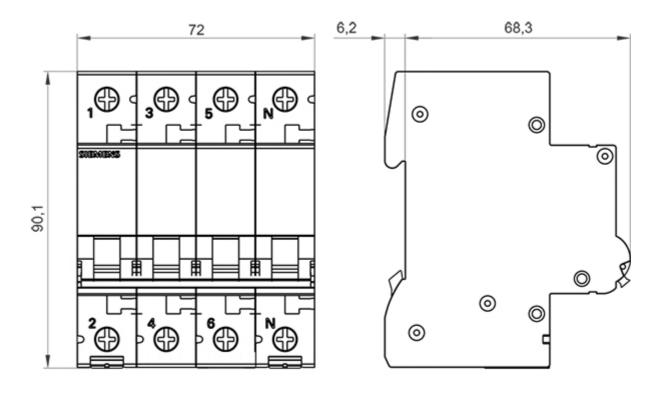
https://support.industry.siemens.com/cs/ww/en/ps/5SL6625-7

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6625-7

CAx-Online-Generator

http://www.siemens.com/cax



7