SIEMENS

Data sheet 5SL6620-7



Miniature circuit breaker 400 V 6kA, 3+N-pole, C, 20 A

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	1.9 W		
Current			
operational current			
at 30 °C / rated value	20 A		
 at 40 °C / rated value 	18.79 A		
• at 45 °C / rated value	18.6 A		
• at 55 °C / rated value	16.8 A		
at AC / rated value	20 A		
	Residential buildings/infrastructure		
suitability for operation	Residential buildings/infrastructure		

product component / poutral conductor quitables	Voc				
product component / neutral conductor switching	Yes				
product feature / touch protection	Yes				
product feature	Voc				
halogen-free see lable	Yes				
• sealable	Yes				
silicon-free product extension / installable / gunplementary devices	Yes Yes				
harry many with the same of th					
Connections	_				
connectable conductor cross-section / solid					
• minimum	0.75 mm ²				
• maximum	25 mm²				
connectable conductor cross-section / stranded					
• minimum	0.75 mm ²				
• maximum	25 mm²				
connectable conductor cross-section / finely stranded / with core end processing					
• minimum	0.75 mm ²				
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 °	-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	F			
• acc. to IEC 81346-2	F				









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=5SL6620-7

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

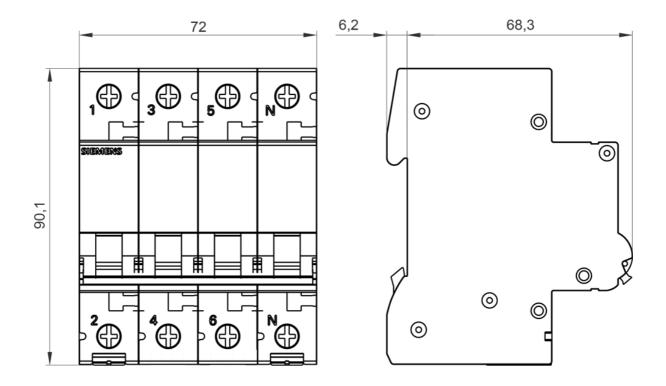
https://support.industry.siemens.com/cs/ww/en/ps/5SL6620-7

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6620-7

CAx-Online-Generator

http://www.siemens.com/cax



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