SIEMENS

Data sheet 5SL6332-7



Miniature circuit breaker 400 V 6kA, 3-pole, C, 32 A

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
General technical data	Williature Great Dreaker
	2
number of poles	3 C
tripping characteristic class	
mechanical service life (switching cycles) / typical	10 000
overvoltage category	2
degree of pollution	2
Voltage	10
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	3.1 W
power loss [W] / for rated value of the current / at AC / in	3.1 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	3.1 W
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current	3.1 W 32 A
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current	
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current at 30 °C / rated value	32 A
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current • at 30 °C / rated value • at 40 °C / rated value	32 A 30.45 A
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current • at 30 °C / rated value • at 40 °C / rated value • at 45 °C / rated value	32 A 30.45 A 29.44 A
power loss [W] / for rated value of the current / at AC / in hot operating state / per pole Current operational current • at 30 °C / rated value • at 40 °C / rated value • at 45 °C / rated value • at 55 °C / rated value	32 A 30.45 A 29.44 A 27.97 A

product function / neutral conductor switching		No			
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	0.75 mm²			
• 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 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	54 mm				
depth	76 mm				
installation depth	70 mm				
number of modular width units	3				
mounting position	any				
net weight	435 g				
Environmental conditions					
ambient temperature / during operation					
• minimum	-25 °	-25 °C			
• maximum	45 °C	45 °C			
ambient temperature / during storage					
• minimum	-40 °	-40 °C			
	75 °C				
maximum	15	,			
maximum Certificates	75 C	,			
	75 C	,			
Certificates	F	,			
Certificates reference code		,			









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=5SL6332-7

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

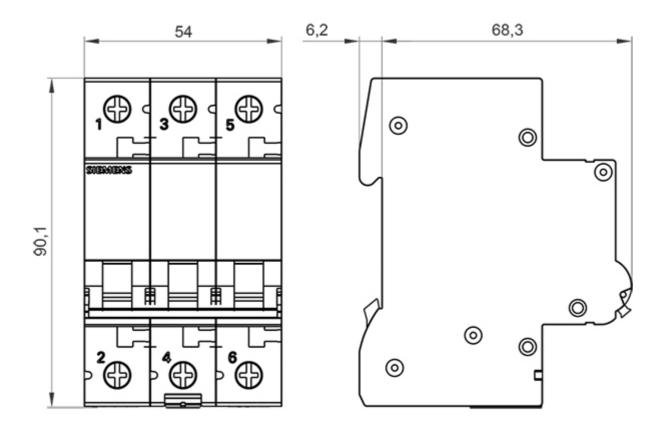
https://support.industry.siemens.com/cs/ww/en/ps/5SL6332-7

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6332-7

CAx-Online-Generator

http://www.siemens.com/cax



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