SIEMENS

Data sheet

5SL6303-7



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

product brand name SENTRON		
product designation Miniature circuit be	reaker	
design of the product 5SL miniature circ	uit breakers	
General technical data		
number of poles 3		
number of poles / note 3P		
tripping characteristic class C		
mechanical service life (switching cycles) / typical 10 000		
overvoltage category III		
degree of pollution 2		
Voltage		
insulation voltage		
• with multi-phase operation / at AC / rated value 440 V		
Supply voltage		
type of voltage AC		
operational current / at AC / rated value 3 A		
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		
supply voltage frequency		
• rated value 50 Hz		
Protection class		
protection class IP IP20, with connect	ted 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 1.2 W hot operating state / per pole		
suitability for operation Residential buildin	ngs/infrastructure	
Product details		
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 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	54 mm
depth	76 mm
installation depth	70 mm
number of modular width units	3
mounting position	any
net weight	585 g
Environmental conditions	
influence of the surrounding temperature	Periodically +55°C, max. 95% humidity
ambient temperature	
• 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	
CEBEC VDE VDE	S TSE TSE ERE

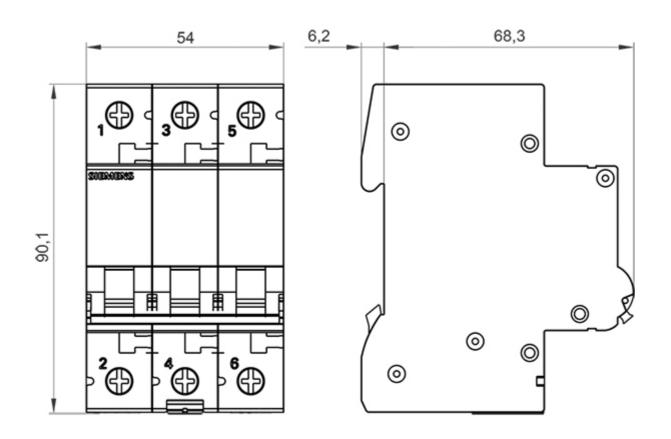
Declaration of Conformity



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=5SL6303-7 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SL6303-7 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6303-7 Tender specifications

http://www.siemens.com/specifications



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