SIEMENS

Data sheet 5SL6208-7



Miniature circuit breaker 400 V 6kA, 2-pole, C, 8A

product brand name product designation Miniature circuit breaker design of the product 5SL miniature circuit breakers Ceneral technical data number of poles 2 number of poles 2 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 400 V operating voltage 1 AC / rated value 400 V operating voltage • with multi-phase operation / at AC / maximum 440 V ear DC / rated value / maximum 72 V supply voltage / early interest operation / at AC / maximum 72 V supply voltage frequency • rated value / maximum 72 V supply voltage frequency • rated value / for the following capacity switching capacity current • acc. to EC 60947-2 / rated value 6 kA e acc. to EC 60947-2 / rated value 6 kA energy limitation class 1 Dissipation power loss [W] / for rated value of the current / at AC / in	Model	
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Concrat technical data number of poles 2 number of poles 2 number of poles 2 2	product designation	Miniature circuit breaker
number of poles 2 2 2 2 2 2 2 2 2	design of the product	5SL miniature circuit breakers
number of poles / note tripping characteristic class C mechanical service life (switching cycles) / typical 10 000 overvoltage category IIII 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 400 V operating voltage • with multi-phase operation / at AC / maximum 400 V operating voltage • with multi-phase operation / at AC / maximum 72 V supply voltage frequency • rated value / maximum 72 V supply voltage frequency • rated value / maximum 72 V supply coltage frequency • rated value / maximum 72 V supply coltage frequency • rated value / maximum 50 Hz protection class IP IP20, with connected conductors 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 suitability for operation Residential buildings/infrastructure Product details product function / neutral conductor switching	General technical data	
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insulation voltage • with multi-phase operation / at AC / rated value Supply voltage type of voltage type of voltage AC operational current / at AC / rated value 8 A supply voltage / at AC / rated value operating voltage • with multi-phase operation / at AC / maximum • at DC / rated value / maximum 72 V supply voltage frequency • rated value **rotection class** protection class IP Switching capacity switching capacity current • acc. to EN 60898 / rated value • acc. to EN 60898 / rated value fo kA • acc. to IEC 60947-2 / rated value fo kA energy limitation class Dissipation power loss [W] / for rated value of the current / at AC / in hot operating state / per pole suitability for operation Residential buildings/infrastructure Product details product function / neutral conductor switching No	degree of pollution	2
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power loss [W] / for rated value of the current / at AC / in hot operating state / per pole suitability for operation Product details product function / neutral conductor switching No	energy limitation class	3
hot operating state / per pole suitability for operation Residential buildings/infrastructure Product details product function / neutral conductor switching No	Dissipation	
Product details product function / neutral conductor switching No		0.7 W
product function / neutral conductor switching No	suitability for operation	Residential buildings/infrastructure
·	Product details	
product feature / touch protection Yes	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	165
connectable conductor cross-section / solid	
minimum	0.75 mm²
• maximum	25 mm²
connectable conductor cross-section / stranded	0.75 mass?
• 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 mm ²
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	240 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	







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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=5SL6208-7

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SL6208-7

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL6208-7

Tender specifications

http://www.siemens.com/specifications



