SIEMENS

Data sheet 5SL4204-7RC

Miniature circuit breaker 415 V 10kA, 2-pole, C, 4A



Model	
Product brand name	SENTRON
Product designation	Miniature circuit breaker
Design of the product	5SL miniature circuit breakers

General technical data	
Number of poles	2
Number of poles / Note	2P
Tripping characteristic class	C
circuit-breaker / Design	5SL4
Mechanical service life (switching cycles) / typical	10 000
Overvoltage category	III

Voltage	
Type of voltage	AC
Insulation voltage	
• with single-phase operation / at AC / rated value	250 V
• with multi-phase operation / at AC / rated value	440 V

Supply voltage

Subject to change without notice
© Copyright Siemens

Supply voltage / at AC / rated value	415 V
Supply voltage frequency / rated value	50 Hz
Protection class	
Protection class IP	IP20, with connected conductors
Energy limiting class	3
Switching capacity	
Switching capacity current	
• acc. to EN 60898 / rated value	10 kA
Dissipation	
Power loss [W] / for rated value of the current / at AC / in hot operating state / per pole	1.3 W
Electricity	
Current / at AC / rated value	4 A
Main circuit	
Operating voltage	
• with multi-phase operation / at AC / maximum	440 V
Suitability for operation	Residential buildings/infrastructure
Product details	
Product feature / Touch protection	Yes
Product feature	
• halogen-free	Yes
• sealable	Yes
• silicon-free	Yes
Product extension / can be installed / supplementary devices	Yes
Product function	
Product function / neutral conductor switching	No
Connections	
Connectable conductor cross-section / stranded	
• minimum	0.75 mm²
• maximum	25 mm²
Connectable conductor cross-section	
• solid	
— minimum	0.75 mm²
— maximum	25 mm²
• finely stranded / with core end processing	
— minimum	0.75 mm²
— maximum	25 mm²
Tightening torque / with screw-type terminals	

Subject to change without notice
© Copyright Siemens

• minimum	2.5 N·m
• maximum	3 N·m

Mechanical Design

Height	90 mm
Width	18 mm
Depth	76 mm
Mounting position	any
Installation depth	70 mm
Number of width units	1
Net weight	252 g

Environmental conditions

Degree of pollution	2
Ambient temperature	
• minimum	-25 °C
• maximum	55 °C
• during storage / minimum	-40 °C
• during storage / maximum	75 °C

Certificates

Reference code	
• acc. to DIN EN 61346-2	F
• acc. to DIN EN 81346-2	F

Declaration of Conformity	Test Certificates
CE EG-Konf.	Miscellaneous

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=5SL4204-7RC

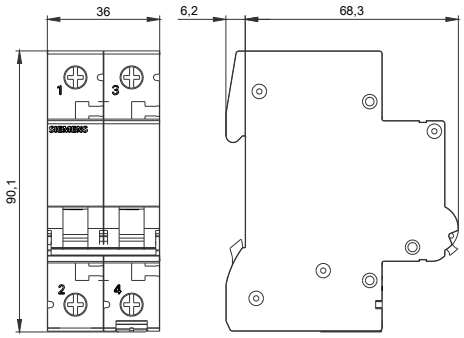
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5SL4204-7RC

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4204-7RC

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications

Subject to change without notice
© Copyright Siemens



© Copyright Siemens

Subject to change without notice
© Copyright Siemens