SIEMENS

Data sheet 5SL4404-7RC



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

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	4		
design of pole	4P		
tripping characteristic class	C		
mechanical service life (operating cycles)			
at AC typical	10 000		
overvoltage category	III		
degree of pollution	2		
Voltage			
type of voltage of the operating voltage	AC		
type of voltage	Use only in alternating current or direct current circuits. Mixed use is not permitted.		
insulation voltage (Ui)			
 with single-phase operation at AC rated value 	250 V		
with multi-phase operation at AC rated value	440 V		
operational current			
 at 30 °C rated value 	4 A		
 at AC rated value 	4 A		
Supply voltage			
supply voltage at AC	415 V		
value range of the supply voltage frequency	50/60 Hz		
operating voltage			
 with multi-phase operation at AC maximum 	440 V		
 at DC rated value maximum 	62.5 V		
•	The operational voltage 62,5V DC/pole takes into account a battery charging voltage with peak value of 72V		
Protection class			
protection class IP	IP20, with connected conductors		
Breaking Capacity			
switching capacity current			
according to EN 60898 rated value	10 kA		
energy limitation class	3		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	1.3 W		
suitability for operation	Residential buildings/infrastructure		
Product details			
product feature touch protection	Yes		

product component neutral conductor switching	No		
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 mm²		
• maximum	25 mm²		
connectable conductor cross-section stranded			
• minimum	0.75 mm²		
• 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	18 mm		
depth	76 mm		
installation depth	70 mm		
number of modular width units	1		
mounting position	any		
net weight	585 g		
Environmental conditions			
vibration resistance according to IEC 60068-2-6	no		
ambient temperature during operation			
• minimum	-25 °C		
• maximum	55 °C		
ambient temperature during storage			
• minimum	-40 °C		
• maximum	75 °C		
Approvals Certificates			
General Product Approval		Test Certificates	other

Confirmation





Miscellaneous

Miscellaneous

Environment other

> **Environmental Con-**Confirmation

Environmental Con-firmations **firmations**

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=5SL4404-7RC

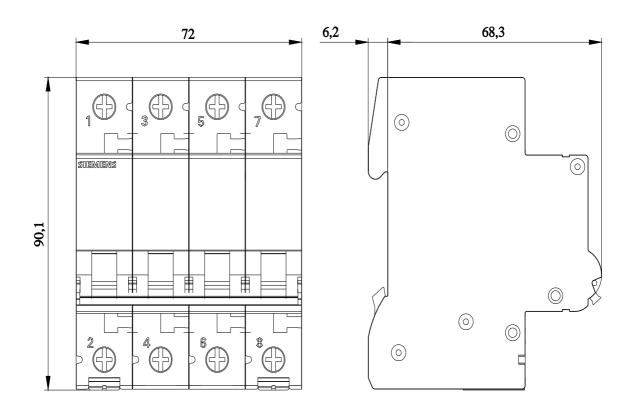
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

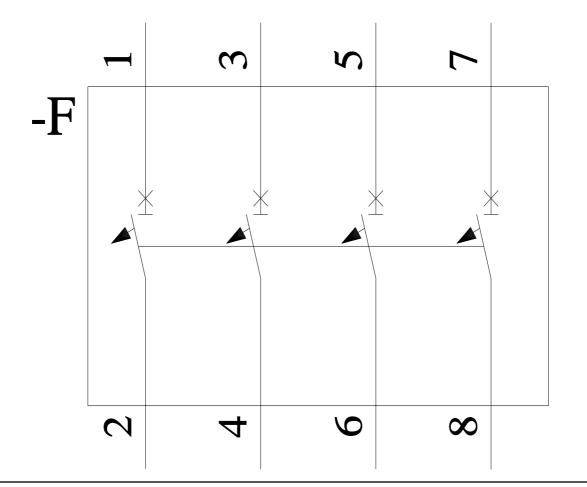
https://support.industry.siemens.com/cs/ww/en/ps/5SL4404-7RC

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4404-7RC

CAx-Online-Generator





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