SIEMENS

Data sheet

5SL4402-7RC

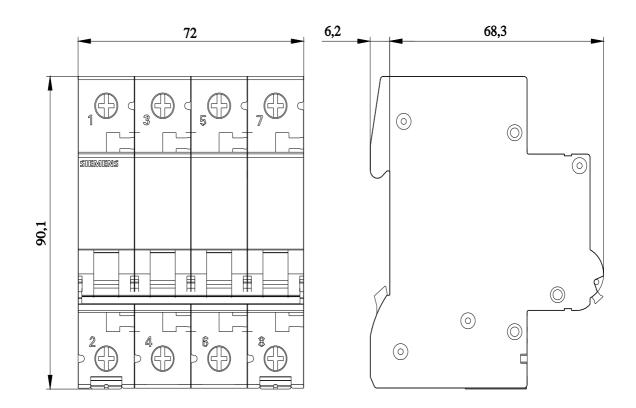


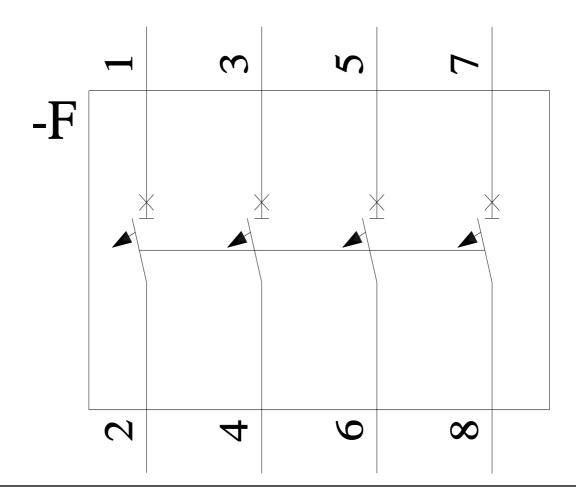
Miniature circuit breaker 415 V 10kA, 4-pole, C, 2A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	4		
design of pole	4P		
tripping characteristic class	С		
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	2 A		
 at AC rated value 	2 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	1.25 W		
suitability for operation	Residential buildings/infrastructure		
Product details			
product feature touch protection	Yes		

other Environment			
Confirmation CE UK EG-Konf.	EAC	Miscellaneous	Confirmation
		Test Certificates	other
pprovals Certificates General Product Approval		Toot Cortificator	othor
• maximum	75 °C		
• minimum	-40 °C		
ambient temperature during storage			
maximum	55 °C		
• minimum	-25 °C		
ambient temperature during operation			
vibration resistance according to IEC 60068-2-6	no		
invironmental conditions			
net weight	585 g		
mounting position	any		
number of modular width units	1		
installation depth	70 mm		
depth	- 76 mm		
height width	18 mm		
	90 mm		
maximum lechanical Design	3 N·m		
• minimum	2.5 N·m 2 N m		
tightening torque with screw-type terminals	2 E N m		
maximum	25 mm²		
• minimum	0.75 mm ²		
connectable conductor cross-section finely stranded with core end processing			
maximum	25 mm²		
• minimum	0.75 mm ²		
connectable conductor cross-section stranded			
maximum	25 mm ²		
• minimum	0.75 mm²		
connectable conductor cross-section solid			
connections			
product extension installable supplementary devices	Yes		
silicon-free	Yes		
• sealable	Yes		
halogen-free	Yes		







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