SIEMENS

Data sheet 5SL4402-0RC



Miniature Circuit Breaker 2A 4-pole Z characteristic 10kA

Model			
product brand name	Betagard		
product designation	Miniature circuit breaker		
General technical data			
number of poles	4		
design of pole	4P		
tripping characteristic class	Z		
mechanical service life (operating cycles)			
• typical	8 500		
overvoltage category	III		
degree of pollution	3		
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 	440 V		
 with multi-phase operation at AC rated value 	440 V		
operational current			
• at 30 °C rated value	2.2 A		
 at 40 °C rated value 	2.1 A		
 at 50 °C rated value 	2 A		
 at 55 °C rated value 	1.9 A		
 at 60 °C rated value 	1.9 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		
according to IEC 60947-2 rated value	15 kA		
energy limitation class	NA		

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 device	ces	Yes				
Connections						
connectable conductor cross-section solid						
• minimum		0.75 n	nm²			
• maximum		25 mm²				
connectable conductor cross-section stranded						
• minimum		0.75 n	nm²			
• maximum		25 mn	n²			
connectable conductor cross-section finely strand end processing	led with core					
• minimum		0.75 n	nm²			
maximum		25 mn	n²			
tightening torque with screw-type terminals						
• minimum		2.5 N·	m			
• maximum		3 N·m				
lechanical Design						
height		90 mm				
width		72 mm				
depth			76 mm			
installation depth		70 mm				
number of modular width units		4				
mounting position		any				
net weight		502 g				
Environmental conditions						
vibration resistance according to IEC 60068-2-6		50 m/s ² at 25 to 150 Hz				
bient temperature during storage						
• minimum		-40 °C				
• maximum		75 °C				
Approvals Certificates						
General Product Approval	Test Certificates	5	other		Environment	
Confirmation	Miscellaneous	<u>S</u>	Confirmation	Miscellaneous	Environmental Confirmations	



Environment

Environmental Confirmations

Further information

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=5SL4402-0RC

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

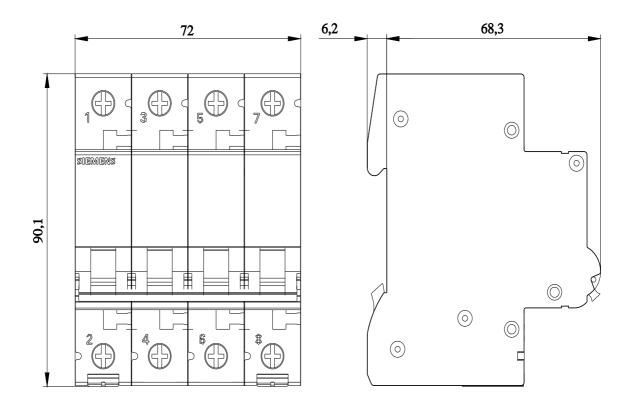
https://support.industry.siemens.com/cs/ww/en/ps/5SL4402-0RC

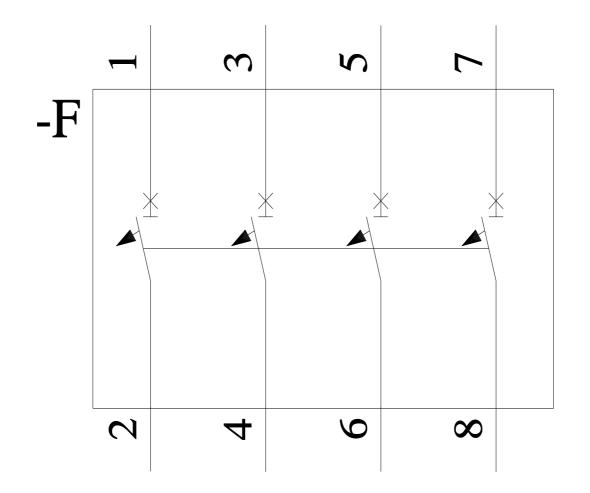
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4402-0RC

CAx-Online-Generator

http://www.siemens.com/cax





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