SIEMENS

Data sheet

5SL4432-8



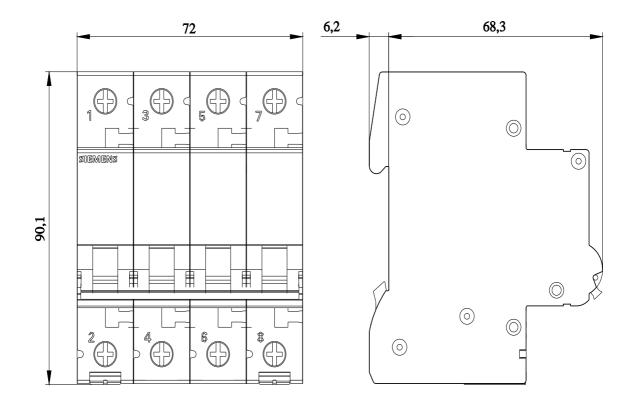
Miniature circuit breaker 400 V 10kA, 4-pole, D, 32 A

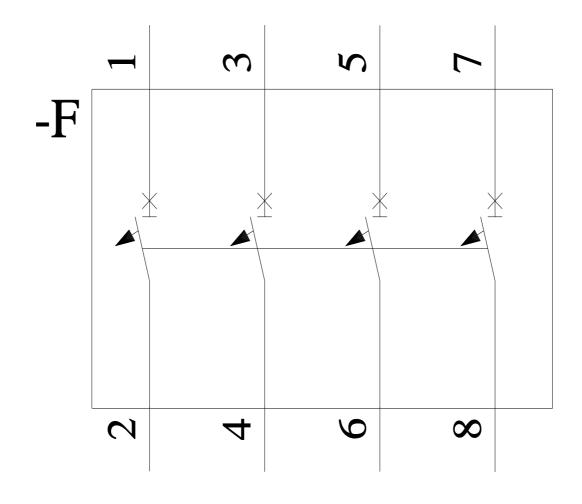
Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	4		
design of pole	4P		
tripping characteristic class	D		
mechanical service life (operating cycles) typical	10 000		
overvoltage category	III		
degree of pollution	2		
Voltage			
type of voltage of the operating voltage	AC		
insulation voltage (Ui)			
 with multi-phase operation at AC rated value 	440 V		
operational current			
• at 30 °C rated value	32 A		
• at 40 °C rated value	30.31 A		
 at 55 °C rated value 	27.58 A		
 at AC rated value 	32 A		
Supply voltage			
supply voltage at AC rated value	400 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	72 V		
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 	10 kA		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	2.7 W		
suitability for operation	Residential buildings/infrastructure		
Product details			
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	72 mm			
depth	76 mm			
installation depth	70 mm			
number of modular width units	4			
mounting position	any			
net weight	585 g			
Environmental conditions				
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				
	Confirmation			

General Product App	oroval	Test Certificates	other		Environment
EAC	<u>Miscellaneous</u>	<u>Miscellaneous</u>	Confirmation	<u>Miscellaneous</u>	Environmental Con- firmations

Further information Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus). 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=5SL4432-8 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SL4432-8 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL4432-8 **CAx-Online-Generator** http://www.siemens.com/cax **Tender specifications** http://www.siemens.com/specifications





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