## SIEMENS

## Data sheet

## 5SL4325-8



Miniature circuit breaker 400 V 10kA, 3-pole, D, 25A

Model			
product brand name	SENTRON		
product designation	Miniature circuit breaker		
General technical data			
number of poles	3		
design of pole	3P		
tripping characteristic class	D		
mechanical service life (operating cycles) typical	10 000		
overvoltage category	Ш		
degree of pollution	2		
Voltage			
type of voltage of the operating voltage	AC		
insulation voltage (Ui)			
<ul> <li>with multi-phase operation at AC rated value</li> </ul>	440 V		
Supply voltage			
supply voltage at AC rated value	400 V		
value range of the supply voltage frequency	50/60 Hz		
operating voltage			
<ul> <li>with multi-phase operation at AC maximum</li> </ul>	440 V		
<ul> <li>at DC rated value maximum</li> </ul>	72 V		
Protection class			
protection class IP	IP20, with connected conductors		
Switching capacity			
switching capacity current			
<ul> <li>according to EN 60898 rated value</li> </ul>	10 kA		
<ul> <li>according to IEC 60947-2 rated value</li> </ul>	10 kA		
energy limitation class	3		
Dissipation			
power loss [W] for rated value of the current at AC in hot operating state per pole	2.3 W		
suitability for operation	Residential buildings/infrastructure		
Product details			
product feature			
halogen-free	Yes		
• sealable	Yes		
- eilieen free	Yes		
silicon-free			
product extension installable supplementary devices	Yes		
	Yes		
product extension installable supplementary devices	Yes		



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• 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	54 mm
depth	76 mm
installation depth	70 mm
number of modular width units	3
mounting position	any
net weight	440 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	
CEBEC Confirmation	

Declaration of Conformity	Test Certificates	other		Environment
	<u>Miscellaneous</u>	<u>Confirmation</u>	<u>Miscellaneous</u>	Environmental Con- firmations

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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=5SL4325-8

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5SL4325-8

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SL4325-8

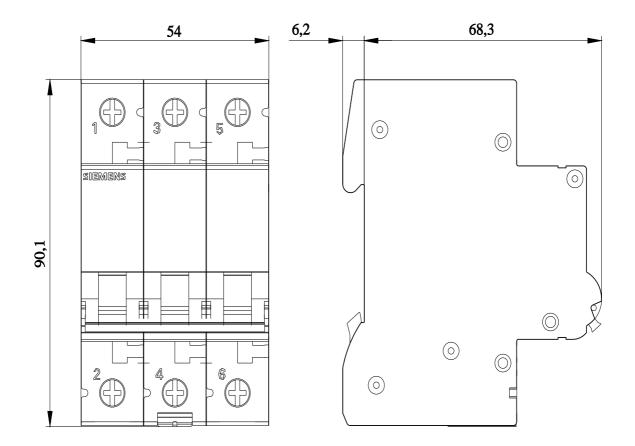
CAx-Online-Generator

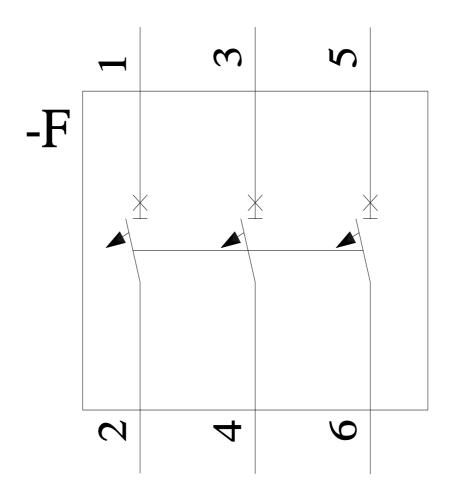
http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications







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