



Main miniature circuit breaker (SHU), 3x 1-pole, E 25, 400V

Model	
product brand name	SENTRON
product designation	Miniature circuit breaker
design of the product	Main miniature circuit breaker
design of the locking device	Integrated locking slide, lockable by means of a lock, wire seal and cable ties
General technical data	
number of poles	3
design of pole	3P
tripping characteristic class	E
mechanical service life (operating cycles) typical	20 000
overvoltage category	IV
degree of pollution	3
Voltage	
insulation voltage (Ui) rated value	690 V
surge voltage resistance rated value	6 kV
Supply voltage	
supply voltage at AC rated value	400 V
operating voltage rated value	
• minimum	110 V
• maximum	440 V
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP40, with connected conductors
Switching capacity	
switching capacity current	
• rated value	25 kA
• according to EN 60898 rated value	25 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	6.5 W
suitability for operation	Residential buildings/infrastructure
Product details	
product component	
• infeed at box terminal	Yes
• saddle terminals	Yes
product feature	
• properties for main switches in accordance with EN 60204-1	Yes
• sealable	Yes

Display and operation			
display version for switch position indicator		OFF = green, ON = red	
Connections			
connectable conductor cross-section of the box terminal			
• solid minimum		2.5 mm ²	
• solid maximum		50 mm ²	
• stranded minimum		2.5 mm ²	
• stranded maximum		50 mm ²	
connectable conductor cross-section solid			
• minimum		2.5 mm ²	
• maximum		50 mm ²	
connectable conductor cross-section stranded			
• minimum		2.5 mm ²	
• maximum		50 mm ²	
connectable conductor cross-section finely stranded with core end processing			
• minimum		2.5 mm ²	
• maximum		50 mm ²	
position of power supply cord		Any	
Mechanical Design			
height		128 mm	
depth		76.3 mm	
depth of the enclosure		76.3 mm	
number of modular width units		4.5	
fastening method		DIN rail	
fastening method other		on DIN rail 35 mm acc. to EN 60715	
net weight		1 050 g	
Environmental conditions			
shock resistance		30 g, at least 3 impacts, impact duration 11 ms	
vibration resistance according to IEC 60068-2-6		2 g, 20 frequency cycles 5 to 150 to 15 Hz	
ambient temperature during operation			
• minimum		-25 °C	
• maximum		55 °C	
ambient temperature during storage			
• minimum		-40 °C	
• maximum		70 °C	
General Product Approval		Declaration of Conformity	other

[Confirmation](#)



[Confirmation](#)

other	Environment
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[Miscellaneous](#)

[Environmental Confirmations](#)

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=5SP3825-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SP3825-3>

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

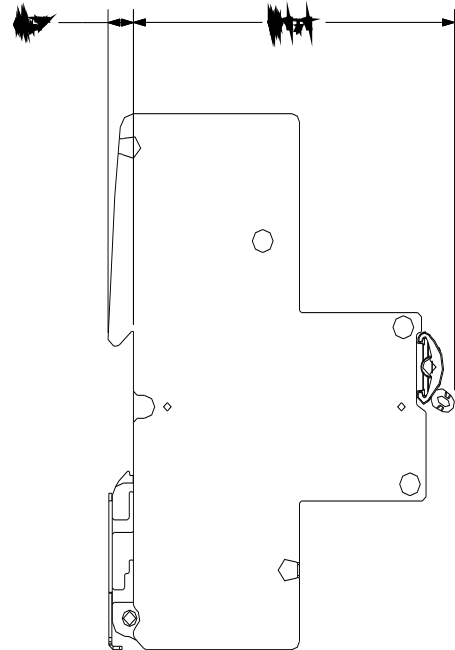
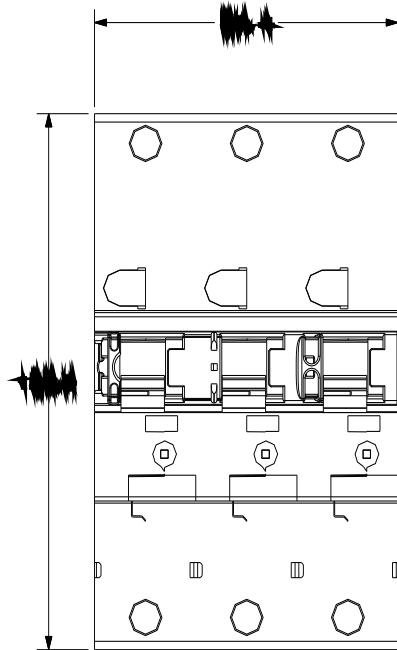
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP3825-3

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





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