








Main miniature circuit breaker (SHU), 1-pole, E 63, 230/400 V

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	1
design of pole	1P
tripping characteristic class	E
mechanical service life (operating cycles) typical	20 000
overvoltage category	4
degree of pollution	3
Voltage	
insulation voltage (U <sub>i</sub> ) rated value	690 V
surge voltage resistance rated value	6 kV
supply voltage with single-phase operation at AC rated value	230 V
<ul style="list-style-type: none"> <li>● operational current                             <ul style="list-style-type: none"> <li>— at 30 °C rated value</li> <li>— at 40 °C rated value</li> <li>— at 50 °C rated value</li> <li>— at 55 °C rated value</li> </ul> </li> <li>● operational current at AC rated value</li> </ul>	63 A 59.85 A 56.7 A 55.125 A 63 A
Supply voltage	
supply voltage at AC	230 V
operating voltage rated value <ul style="list-style-type: none"> <li>● minimum</li> <li>● maximum</li> </ul>	110 V 440 V
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP40, with connected conductors
Breaking Capacity	
switching capacity current <ul style="list-style-type: none"> <li>● rated value</li> <li>● according to EN 60898 rated value</li> </ul>	25 kA 25 kA
Dissipation	
power loss [W] for rated value of the current at AC in hot operating state per pole	9.7 W

<b>suitability for operation</b>	Residential buildings/infrastructure
<b>Product details</b>	
<b>product component</b>	
• infeed at box terminal	Yes
• saddle terminals	Yes
<b>product feature properties for main switches in accordance with EN 60204-1</b>	Yes
<b>product feature sealable</b>	Yes
<b>Display and operation</b>	
display version for switch position indicator	OFF = green, ON = red
<b>Connections</b>	
<b>connectable conductor cross-section of the box terminal</b>	
• solid minimum	2.5 mm <sup>2</sup>
• solid maximum	50 mm <sup>2</sup>
• stranded minimum	2.5 mm <sup>2</sup>
• stranded maximum	50 mm <sup>2</sup>
<b>connectable conductor cross-section solid</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
<b>connectable conductor cross-section stranded</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
<b>connectable conductor cross-section finely stranded with core end processing</b>	
• minimum	2.5 mm <sup>2</sup>
• maximum	50 mm <sup>2</sup>
<b>position of power supply cord</b>	Any
<b>Mechanical Design</b>	
<b>height</b>	128 mm
<b>depth</b>	76.3 mm
<b>depth of the enclosure</b>	76.3 mm
<b>number of modular width units</b>	1.5
<b>fastening method</b>	DIN rail
fastening method other	on DIN rail 35 mm acc. to EN 60715
<b>Net Weight</b>	430 g
<b>Environmental conditions</b>	
<b>shock resistance</b>	30 g, at least 3 impacts, impact duration 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	2 g, 20 frequency cycles 5 to 150 to 15 Hz
<b>ambient temperature during operation</b>	
• minimum	-25 °C
• maximum	55 °C
<b>ambient temperature during storage</b>	
• minimum	-40 °C
• maximum	70 °C
<b>Approvals Certificates</b>	
<b>Environment</b>	<b>General Product Approval</b>
<a href="#">Environmental Con- firmations</a>	<a href="#">Environmental Con- firmations</a>
	
	
	
<b>other</b>	
	<a href="#">Confirmation</a>

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5SP3763-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5SP3763-3>

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

[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SP3763-3](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SP3763-3)

### CAX-Online-Generator

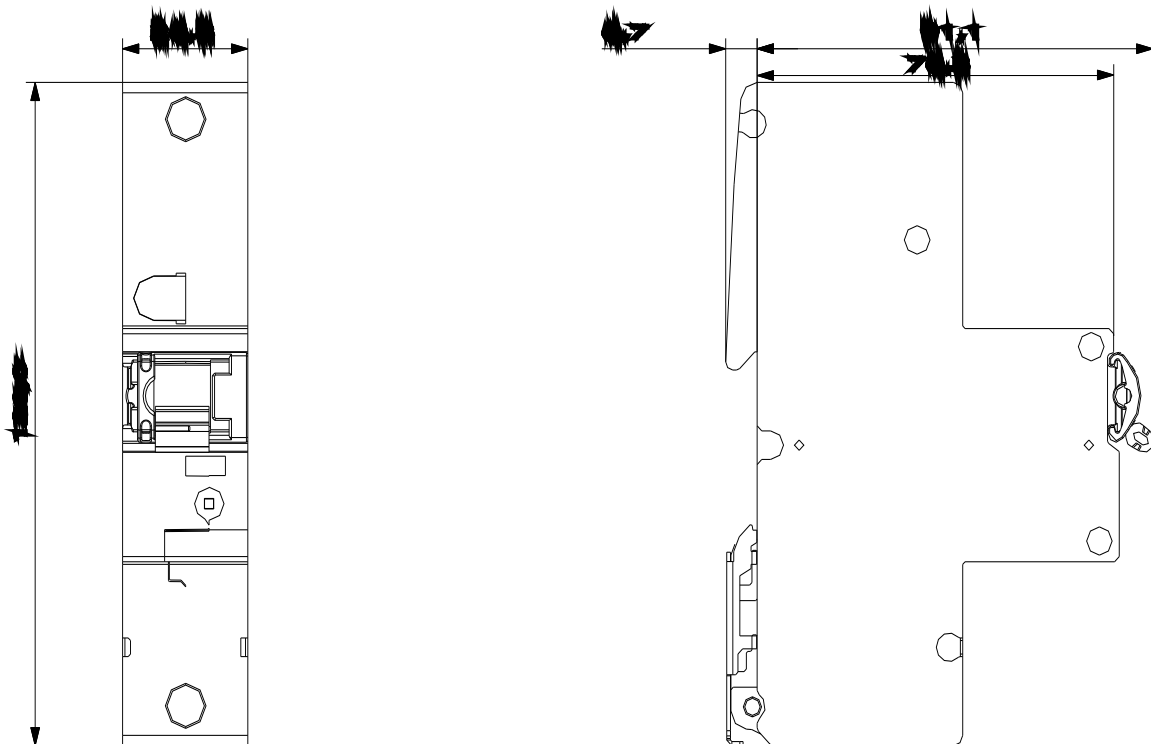
<https://www.siemens.com/cax>

### Tender specifications

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

### Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp\\_prod\\_noCOMP="HAUPT"></mmp\\_prod\\_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





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