

CIRCUIT BREAKER 400V 6KA, 3POLE, B, 10A



Model		
product brand name		SENTRON
Product designation		Miniature circuit breakers
Design of the product		5SL miniature circuit breakers

General technical data		
Number of poles		3
Number of poles / Note		3P
Tripping characteristic class		B
circuit-breaker / Design		5SL6
Mechanical service life (switching cycles) / typical		20 000
Overtoltage category		3

Voltage		
Type of voltage		AC/DC
Insulation voltage		
<ul style="list-style-type: none"> <li>with multi-phase operation / with AC / Rated value</li> </ul>	V	440

Supply voltage		
Supply voltage frequency / Rated value	Hz	50

Protection class		
Protection class IP		IP20, with connected conductors
Energy limiting class		3

Switching capacity		
Switching capacity current		

- acc. to EN 60898 / Rated value
- acc. to IEC 60947-2 / Rated value

kA	6
kA	6

### Dissipation

#### Active power loss

- for rated value of the current / with AC / in hot operating state / per pole

W	1.5
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### Electricity

rated current  $I_n$  / IEC, DIN/VDE / at 40 Cel

A	9.51662
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Current / with AC / Rated value

A	10
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### Main circuit

#### Operating voltage

- minimum
- for DC / Rated value / maximum
- with multi-phase operation / with AC / maximum

V	24
V	60
V	440

### Product details

Product feature / Touch protection

	Yes
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#### Product property

- halogen-free
- sealable
- silicon-free

	Yes
	Yes
	Yes

Product expansion / can be installed / supplementary devices

	Yes
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### Product function

Product function / neutral conductor switching

	No
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### Number

Number of test cycles / for environmental testing / acc. to IEC 60068-2-30

	6
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### Connections

#### Connectable conductor cross-section / stranded

- minimum
- maximum

mm <sup>2</sup>	0.75
mm <sup>2</sup>	35

#### Connectable conductor cross-section

- solid
  - minimum
  - maximum
- finely stranded / with core end processing
  - minimum
  - maximum

mm <sup>2</sup>	0.75
mm <sup>2</sup>	35
mm <sup>2</sup>	0.75
mm <sup>2</sup>	25

#### Tightening torque / with screw-type terminals

- minimum

N·m	2.5
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- maximum

N·m	3
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### Mechanical Design

Height	mm	90
Width	mm	54
Depth	mm	76
mounting position		any
Installation depth	mm	70
Number of width units		3
Net weight	g	354

### Environmental conditions

Degree of pollution		2
Influence of the surrounding temperature		Periodically +55°C, max. 95% humidity
Ambient temperature		
• minimum	°C	-25
• maximum	°C	45
• during storage / minimum	°C	-40
• during storage / maximum	°C	75

### Certificates

Equipment marking		
• acc. to DIN EN 61346-2		F
• acc. to DIN EN 81346-2		F

### General Product Approval



[TSE](#)

Declaration of Conformity	Test Certificates	other
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EG-Konf.

[other](#)

[other](#)

### Further information

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

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

**Industry Mall (Online ordering system)**

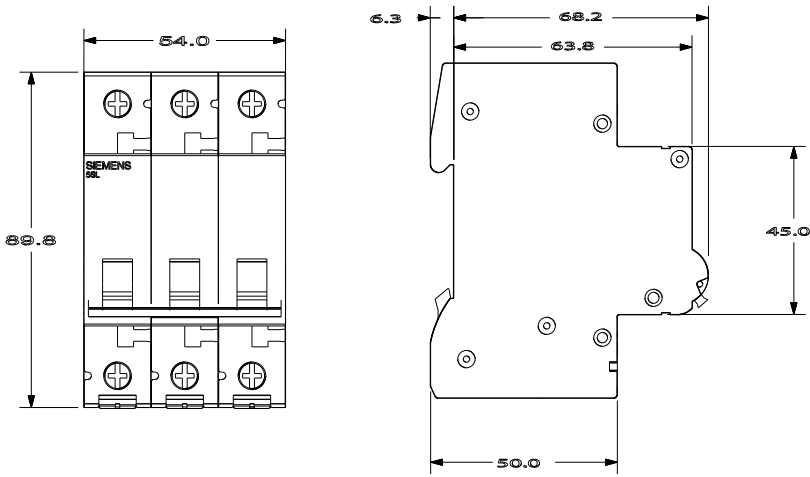
<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SL63106>

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

<http://support.automation.siemens.com/WW/view/en/5SL63106/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SL63106](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SL63106)



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