

CIRCUIT BREAKER 230/400V 10KA, 1POLE, B, 2A



Model		
product brand name		SETRON
Product designation		Miniature circuit breakers
Design of the product		5SL miniature circuit breakers
General technical data		
Number of poles		1
Number of poles / Note		1P
Tripping characteristic class		B
circuit-breaker / Design		5SL4
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		3
Voltage		
Type of voltage		AC/DC
Insulation voltage		
<ul style="list-style-type: none"> <li>with single-phase operation / at AC / rated value</li> </ul>	V	440
<ul style="list-style-type: none"> <li>with multi-phase operation / at AC / rated value</li> </ul>	V	440
Supply voltage		

Supply voltage frequency / rated value	Hz	50
<b>Protection class</b>		
<b>Protection class IP</b>		IP20, with connected conductors
<b>Energy limiting class</b>		3
<b>Switching capacity</b>		
<b>Switching capacity current</b>		
• acc. to EN 60898 / rated value	kA	10
• acc. to IEC 60947-2 / rated value	kA	10
<b>Dissipation</b>		
<b>Power loss [W]</b>		
• for rated value of the current / at AC / in hot operating state / per pole	W	1.84
• maximum	W	1.8
<b>Electricity</b>		
rated current I <sub>n</sub> / IEC, DIN/VDE / at 40 Cel	A	1.92
Current / at AC / rated value	A	2
<b>Main circuit</b>		
<b>Operating voltage</b>		
• minimum	V	24
• at DC / rated value / maximum	V	60
• with single-phase operation / at AC / maximum	V	250
• with multi-phase operation / at AC / maximum	V	440
<b>Product details</b>		
Product feature / Touch protection		Yes
<b>Product feature</b>		
• halogen-free		Yes
• sealable		Yes
• silicon-free		Yes
Product extension / can be installed / supplementary devices		Yes
<b>Product function</b>		
Product function / neutral conductor switching		No
<b>Number</b>		
<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>		6
<b>Connections</b>		
<b>Connectable conductor cross-section / stranded</b>		
• minimum	mm <sup>2</sup>	0.75
• maximum	mm <sup>2</sup>	35

<b>Connectable conductor cross-section</b>		
• solid		
— minimum	mm <sup>2</sup>	0.75
— maximum	mm <sup>2</sup>	35
• finely stranded / with core end processing		
— minimum	mm <sup>2</sup>	0.75
— maximum	mm <sup>2</sup>	25
<b>Tightening torque / with screw-type terminals</b>		
• minimum	N·m	2.5
• maximum	N·m	3

<b>Mechanical Design</b>		
Height	mm	90
Width	mm	18
Depth	mm	76
Mounting position		any
Installation depth	mm	70
Number of width units		1
Net weight	g	158

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

<b>Certificates</b>		
<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		F
• acc. to DIN EN 81346-2		F

<b>General Product Approval</b>	<b>Declaration of Conformity</b>
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<b>Further information</b>
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**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/5SL41026>

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

<http://support.automation.siemens.com/WW/view/en/5SL41026/all>

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

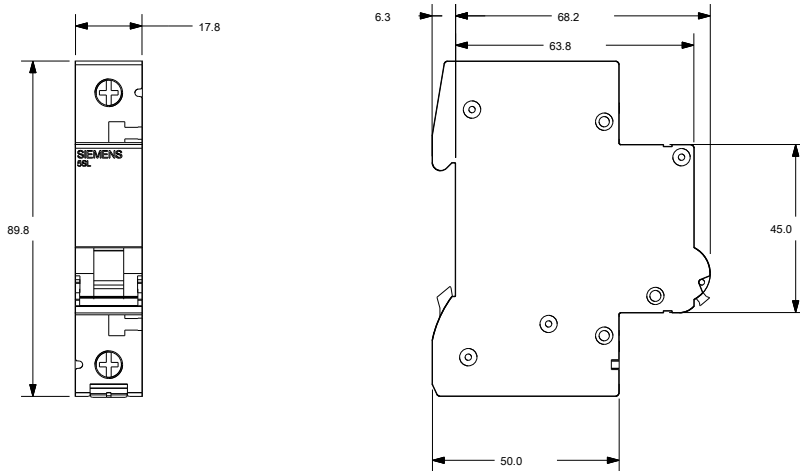
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SL41026](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SL41026)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>



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22.03.2016