

CIRCUIT BREAKER 400V 10KA, 3+N-POLE, C, 10A



Figure similar

Model		
product brand name		SENTRON
Product designation		Miniature circuit breakers
Design of the product		5SL miniature circuit breakers
General technical data		
Number of poles		4
Number of poles / Note		3P+N
Tripping characteristic class		C
circuit-breaker / Design		5SL4
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		3
Voltage		
Insulation voltage		
<ul style="list-style-type: none"> with multi-phase operation / with AC / Rated value 	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		
<ul style="list-style-type: none"> acc. to EN 60898 / Rated value 	kA	10

- acc. to IEC 60947-2 / Rated value

kA	10
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Dissipation

Active power loss		
<ul style="list-style-type: none"> • for rated value of the current / with AC / in hot operating state / per pole 	W	0.91

Electricity

rated current I _n / IEC, DIN/VDE / at 40 Cel	A	9.24
Current / with AC / Rated value	A	10

Main circuit

Operating voltage		
<ul style="list-style-type: none"> • minimum 	V	24
<ul style="list-style-type: none"> • for DC / Rated value / maximum 	V	60
<ul style="list-style-type: none"> • with multi-phase operation / with AC / maximum 	V	440

Product details

Product feature / Touch protection		Yes
Product property		
<ul style="list-style-type: none"> • halogen-free 		Yes
<ul style="list-style-type: none"> • sealable 		Yes
<ul style="list-style-type: none"> • silicon-free 		Yes
Product expansion / can be installed / supplementary devices		Yes

Product function

Product function / neutral conductor switching		Yes
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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		
<ul style="list-style-type: none"> • minimum 	mm ²	0.75
<ul style="list-style-type: none"> • maximum 	mm ²	35
Connectable conductor cross-section		
<ul style="list-style-type: none"> • solid 		
<ul style="list-style-type: none"> — minimum 	mm ²	0.75
<ul style="list-style-type: none"> — maximum 	mm ²	35
<ul style="list-style-type: none"> • finely stranded / with core end processing 		
<ul style="list-style-type: none"> — minimum 	mm ²	0.75
<ul style="list-style-type: none"> — maximum 	mm ²	25
Tightening torque / with screw-type terminals		
<ul style="list-style-type: none"> • minimum 	N·m	2.5
<ul style="list-style-type: none"> • maximum 	N·m	3

Mechanical Design		
Height	mm	90
Width	mm	72
Depth	mm	76
mounting position		any
Installation depth	mm	70
Number of width units		4

Environmental conditions		
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

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

General Product Approval	Declaration of Conformity
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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/5SL46107>

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

<http://support.automation.siemens.com/WW/view/en/5SL46107/all>

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

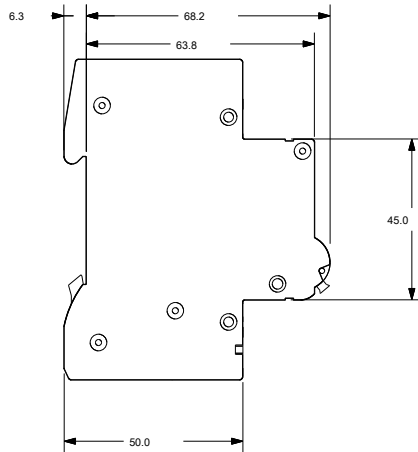
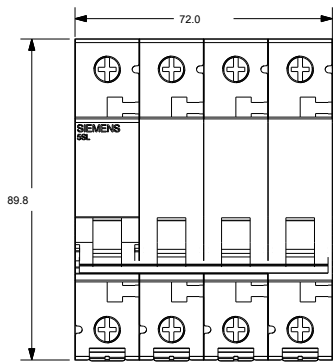
http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SL46107

CAX-Online-Generator

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

Tender specifications

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



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11.03.2015