

CIRCUIT BREAKER 230V 6KA, 1+N-POLE/1MW, C
16A



Figure similar

Model		
product brand name		SENTRON
Product designation		Miniature circuit breakers
Design of the product		5SY60 miniature circuit breakers

General technical data		
Number of poles		1
Number of poles / Note		1P+N right
Tripping characteristic class		C
circuit-breaker / Design		5SY60
Mechanical service life (switching cycles) / typical		20 000
Overvoltage category		3

Voltage		
Type of voltage		AC/DC
Insulation voltage / with AC / Rated value	V	250

Supply voltage		
Supply voltage / with AC / Rated value	V	230
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	6

- acc. to IEC 60947-2 / Rated value

kA	6
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Dissipation

Active power loss

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

W	0.852
W	1.926

Electricity

rated current I_n / IEC, DIN/VDE / at 40 Cel	A	15.36
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Current / with AC / Rated value	A	16
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Main circuit

Operating voltage

- minimum
- with single-phase operation / with AC / maximum

V	24
V	250

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		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

- minimum
- maximum

mm ²	0.75
mm ²	16

Connectable conductor cross-section

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

mm ²	0.75
mm ²	16
mm ²	0.75
mm ²	10

Tightening torque / with screw-type terminals		
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• minimum	N·m	2
• maximum	N·m	2.5
Position / of power supply cord		Any

Mechanical Design

mounting position		any
Installation depth	mm	70
Number of width units		1
Net weight	g	102

Environmental conditions

Influence of the surrounding temperature		Periodically +55°C, max. 95% humidity
Vibration resistance / acc. to IEC 60068-2-6		50m/s² at 25 to... 35Hz (4s002)
Ambient temperature		
• minimum	°C	-25
• maximum	°C	45
• during storage / minimum	°C	-40
• during storage / maximum	°C	75

General Product Approval



CCC



IMQ



GOST



VDE

[other](#)



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/5SY60167>

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

<http://support.automation.siemens.com/WW/view/en/5SY60167/all>

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

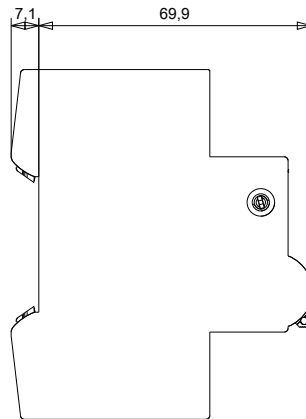
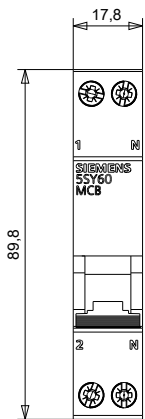
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY60167

CAx-Online-Generator

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

Tender specifications

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



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