# SIEMENS

# **Product data sheet**



CIRCUIT BREAKER 230/400V 15KA, 1-POLE, C, 16A, D=70MM

Similar to image

Technical data:		
Overvoltage class		3
type of voltage		AC/DC
Tripping characteristic class		С
Degree of pollution		3
Mounting depth	mm	70
Energy limiting class	_	3
Number of poles	_	1
Number of pitch units for width		1
Product function / n-switching		No
Supply voltage frequency / rated value	Hz	50
Switching capacity current / in accordance with IEC 60947-2 / rated value	kA	25
Breaking capacity current / acc. to EN 60898 / rated value	kA	15
Supply voltage / for AC / rated value	V	400
Current / for AC / rated value	А	16
Protection class IP		IP20, with connected conductors
Product extension / can be installed / supplementary device		Yes
power loss		-

Operational voltage Um		-
rated current In		-
Rated make-break capacity Icn		-
Rated service short-circuit breaking capacity Ics		-
Rated ultimate short-circuit breaking capacity Icu	-	-
Tripping characteristics Number		-
Tripping characteristic/-class Conventional tripping current I2, (x In)		-
rated current In IEC, DIN/VDE		-
Tripping characteristic/-class Test current I4, hold (x In)		-
rated current In / IEC, DIN/VDE		
• at 30 Cel	А	16
• at 40 Cel	А	15.04
• at 45 Cel	А	14.56
• at 50 Cel	А	13.92
• at 55 Cel	А	12.96
• at 60 Cel	А	12.96
Resistance against shock / according to IEC 60068-2-27		150m/s <sup>2</sup> at 11ms half-sine

Certificates/approvals:

General Product Approval
Declaration of Conformity

IMQ
ROSTEST
Image: Colspan="3">Manufacturer

Shipping Approval
other
other

Image: Colspan="3">Image: Colspan="3">Other

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### Further information:

Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/lowvoltage/catalogs

#### Industry Mall (Online ordering system)

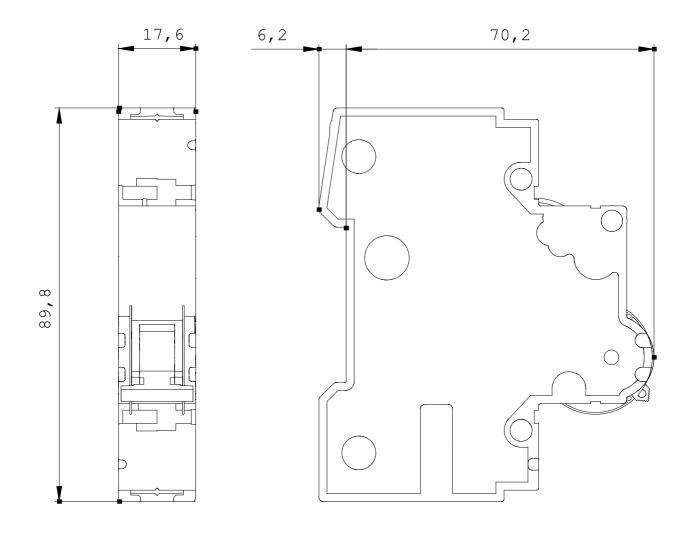
http://www.siemens.com/lowvoltage/mall

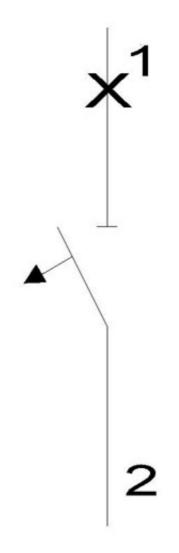
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/5SY7116-7/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY7116-7

# CAx-Online-Generator

http://www.siemens.com/cax





last change:

Nov 3, 2011