# SIEMENS

### **Product data sheet**



CIRCUIT BREAKER 230/400V 10KA, 1-POLE, D, 20A, D=70MM

Similar to image

Technical data:			
Overvoltage class		3	
type of voltage		AC/DC	
Tripping characteristic class		D	
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	20	
Breaking capacity current / acc. to EN 60898 / rated value	kA	10	
Supply voltage / for AC / rated value	V	400	
Current / for AC / rated value	А	20	
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	20
• at 40 Cel	А	18.8
• at 45 Cel	А	18.2
• at 50 Cel	А	17.4
• at 55 Cel	А	16.2
• at 60 Cel	А	16.2
Resistance against shock / according to IEC 60068-2-27		150m/s <sup>2</sup> at 11ms half-sine

 Certificates/approvals:
 Declaration of Conformity

 General Product Approval
 MQ
 ROSTEST
 Manufacturer

 Cocc
 MQ
 ROSTEST
 Manufacturer

 Shipping Approval
 Other
 Other

 Implication of Conformity
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#### Further information:

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

#### Industry Mall (Online ordering system)

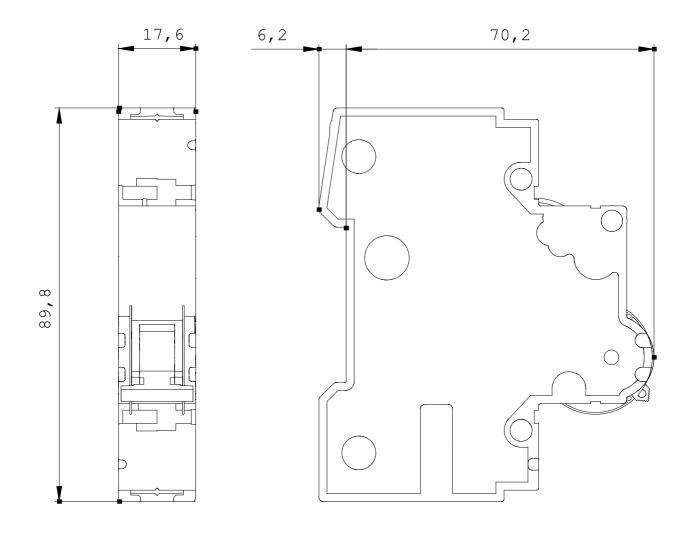
http://www.siemens.com/lowvoltage/mall

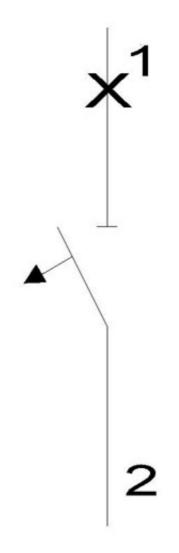
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) http://support.automation.siemens.com/WW/view/en/5SY4120-8/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY4120-8

## CAx-Online-Generator

http://www.siemens.com/cax





last change:

Nov 3, 2011