## SIEMENS

## **Product data sheet**



CIRCUIT BREAKER 230V 25KA, 1+N-POLE, C, 4A, D=70M

Similar to image

Technical data:				
Overvoltage class		3		
type of voltage		AC/DC		
Tripping characteristic class		C		
Degree of pollution		3		
Mounting depth	mm	70		
Energy limiting class		3		
Number of poles		2		
Number of pitch units for width		2		
Product function / n-switching	_	Yes		
Supply voltage frequency / rated value	Hz	50		
Switching capacity current / in accordance with IEC 60947-2 / rated value	kA	50		
Supply voltage / for AC / rated value	V	230		
Current / for AC / rated value	А	4		
Protection class IP		IP20, with connected conductors		
Product extension / can be installed / supplementary device		Yes		
power loss		-		
Operational voltage Um		-		

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 ln)-rated current In IEC, DIN/VDE-Tripping characteristic/-class Test current I4, hold (x ln)-rated current In / IEC, DIN/VDE-rated current In / IEC, DIN/VDE-· at 30 CelA· at 40 CelA· at 55 CelA· at 55 CelA· at 60 CelA· at 60 CelA· at 60 CelA			
Rated service short-circuit breaking capacity lcs-Rated ultimate short-circuit breaking capacity lcu-Tripping characteristics Number-Tripping characteristic/-class Conventional tripping current l2, (x ln)-rated current In IEC, DIN/VDE-Tripping characteristic/-class Test current l4, hold (x ln)-rated current In / IEC, DIN/VDE-• at 30 CelA• at 40 CelA• at 45 CelA• at 55 CelA• at 55 CelA• at 60 CelA </th <th>rated current In</th> <th></th> <th>-</th>	rated current In		-
Rated ultimate short-circuit breaking capacity lcu-Tripping characteristics Number-Tripping characteristic/-class Conventional tripping current l2, (x ln)-rated current ln IEC, DIN/VDE-Tripping characteristic/-class Test current l4, hold (x ln)-rated current ln / IEC, DIN/VDE-• at 30 CelA• at 40 CelA• at 45 CelA• at 50 CelA• at 50 CelA• at 50 CelA• at 60 CelA• at 60 CelA• at 60 CelA	Rated make-break capacity Icn	_	-
Tripping characteristics Number-Tripping characteristic/-class Conventional tripping current I2, (x ln)-rated current In IEC, DIN/VDE-Tripping characteristic/-class Test current I4, hold (x ln)-rated current In / IEC, DIN/VDE-rated current In / IEC, DIN/VDE-• at 30 CelA• at 40 CelA• at 45 CelA• at 50 CelA• at 50 CelA• at 50 CelA• at 60 CelA• at 60 CelA	Rated service short-circuit breaking capacity Ics	_	-
Tripping characteristic/-class Conventional tripping current 12, (x ln)·rated current ln IEC, DIN/VDE·Tripping characteristic/-class Test current 14, hold (x ln)·rated current ln / IEC, DIN/VDE·• at 30 CelA• at 40 CelA• at 45 CelA• at 50 CelA• at 55 CelA• at 60 CelA• at 60 CelA	Rated ultimate short-circuit breaking capacity Icu	_	-
(x In)Initial Content of the content of t	Tripping characteristics Number	_	-
Tripping characteristic/-class Test current I4, hold (x ln)	Tripping characteristic/-class Conventional tripping current I2, (x In)		-
rated current In / IEC, DIN/VDEA• at 30 CelA• at 40 CelA• at 45 CelA• at 50 CelA• at 55 CelA• at 60 CelA• at 60 CelA	rated current In IEC, DIN/VDE		-
• at 30 Cel   A   4     • at 40 Cel   A   3.64     • at 45 Cel   A   3.61     • at 50 Cel   A   3.46     • at 55 Cel   A   3.31     • at 60 Cel   A   3.16	Tripping characteristic/-class Test current I4, hold (x In)		-
• at 40 Cel   A   3.64     • at 45 Cel   A   3.61     • at 50 Cel   A   3.46     • at 55 Cel   A   3.31     • at 60 Cel   A   3.16	rated current In / IEC, DIN/VDE		
• at 45 Cel   A   3.61     • at 50 Cel   A   3.46     • at 55 Cel   A   3.31     • at 60 Cel   A   3.16	• at 30 Cel	А	4
• at 50 Cel A 3.46   • at 55 Cel A 3.31   • at 60 Cel A 3.16	• at 40 Cel	А	3.64
• at 55 CelA3.31• at 60 CelA3.16	• at 45 Cel	А	3.61
• at 60 Cel A 3.16	• at 50 Cel	А	3.46
	• at 55 Cel	А	3.31
Resistance against shock / according to IEC 60068-2-27   150m/s² at 11ms half-sine	• at 60 Cel	А	3.16
	Resistance against shock / according to IEC 60068-2-27		150m/s <sup>2</sup> at 11ms half-sine

Certificates/approvals:				
General Product A	pproval	Declaration of Conformity	other	
ROSTEST	(UL)	Manufacturer	other	

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

UL

Industry Mall (Online ordering system) http://www.siemens.com/lowvoltage/mall

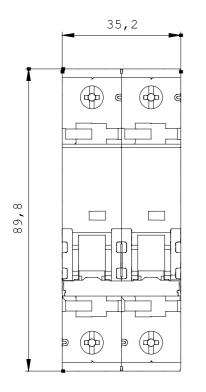
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

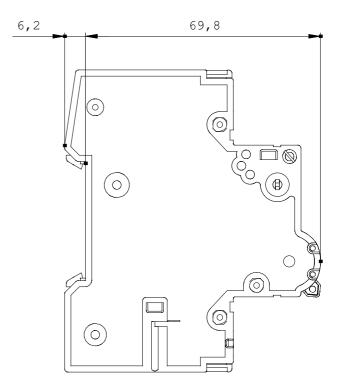
http://support.automation.siemens.com/WW/view/en/5SY8504-7/all

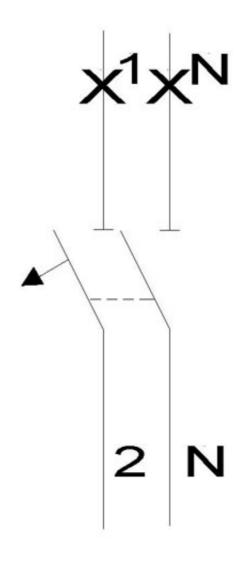
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY8504-7

**CAx-Online-Generator** 

http://www.siemens.com/cax







last change:

Nov 3, 2011