SIEMENS

Product data sheet 5SY4104-7



CIRCUIT BREAKER 230/400V 10KA, 1-POLE, C, 4A, D=70MM

Similar to image

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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	35
Breaking capacity current / acc. to EN 60898 / rated value	kA	10
Supply voltage / for AC / rated value	V	400
Current / for AC / rated value	Α	4
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 • at 40 Cel • at 45 Cel • at 45 Cel • at 55 Cel • at 60 Cel Resistance against shock / according to IEC 60068-2-27 Resistance against shock / according to IEC 60068-2-27			
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 • at 40 Cel • at 40 Cel • at 50 Cel • at 55 Cel • at 60 Cel A 3.24 • at 60 Cel	Operational voltage Um		-
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 • at 40 Cel • at 45 Cel • at 55 Cel • at 55 Cel • at 60 Cel • at 60 Cel	rated current In		-
Rated ultimate short-circuit breaking capacity lcu Tripping characteristics Number Tripping characteristic/-class Conventional tripping current I2, (x ln) rated current ln IEC, DIN/VDE Tripping characteristic/-class Test current I4, hold (x ln) rated current ln / IEC, DIN/VDE • at 30 Cel • at 40 Cel • at 45 Cel • at 55 Cel • at 55 Cel • at 60 Cel • at 60 Cel	Rated make-break capacity Icn		-
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 • at 40 Cel • at 45 Cel • at 50 Cel • at 55 Cel • at 60 Cel • at 60 Cel	Rated service short-circuit breaking capacity lcs		-
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 • at 40 Cel • at 45 Cel • at 55 Cel • at 55 Cel • at 60 Cel - Conventional tripping current I2, (cx In) - Conventional tripping current I4, hold (x In) - Conventi	Rated ultimate short-circuit breaking capacity Icu		-
(x In) - rated current In IEC, DIN/VDE - at 30 Cel A - at 40 Cel A - at 45 Cel A - at 50 Cel A - at 60 Cel A - at 60 Cel A	Tripping characteristics Number		-
Tripping characteristic/-class Test current I4, hold (x In) - rated current In / IEC, DIN/VDE A 4 • at 30 Cel A 3.76 • at 40 Cel A 3.64 • at 45 Cel A 3.48 • at 50 Cel A 3.24 • at 60 Cel A 3.24			-
rated current in / IEC, DIN/VDE • at 30 Cel A 4 • at 40 Cel A 3.76 • at 45 Cel A 3.64 • at 50 Cel A 3.48 • at 55 Cel A 3.24 • at 60 Cel A 3.24	rated current In IEC, DIN/VDE		-
 at 30 Cel at 40 Cel at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 4 A 3.76 A 3.64 A 3.48 A 3.24 A 3.24 	Tripping characteristic/-class Test current I4, hold (x In)		-
 at 40 Cel at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 3.76 A 3.64 A 3.48 A 3.24 A 3.24 	rated current In / IEC, DIN/VDE		
 at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 3.64 A 3.48 A 3.24 A 3.24 A 3.24 	• at 30 Cel	Α	4
• at 50 Cel • at 55 Cel • at 60 Cel A 3.48 A 3.24 A 3.24	• at 40 Cel	Α	3.76
• at 55 Cel A 3.24 • at 60 Cel A 3.24	• at 45 Cel	Α	3.64
• at 60 Cel A 3.24	• at 50 Cel	Α	3.48
	• at 55 Cel	Α	3.24
Resistance against shock / according to IEC 60068-2-27 150m/s² at 11ms half-sine	• at 60 Cel	Α	3.24
	Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine

Certificates/approvals:

General Product Approval

Declaration of Conformity



IMQ

ROSTEST





Manufacturer

Shipping Approval

other







Reg



other

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,...)

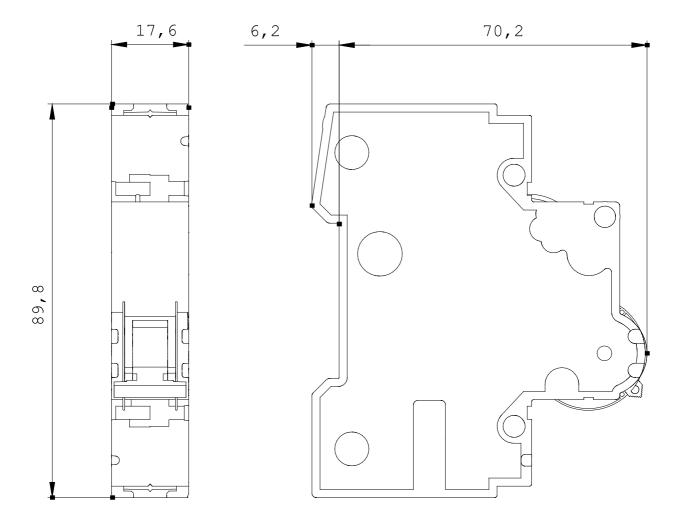
http://support.automation.siemens.com/WW/view/en/5SY4104-7/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4104-7}}$

CAx-Online-Generator

http://www.siemens.com/cax



last change: Nov 3, 2011