SIEMENS

Product data sheet 5SY8410-7



CIRCUIT BREAKER 400V 25KA, 4POLE, C, 10A, 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		4
Number of pitch units for width		4
Product function / n-switching		No
Supply voltage frequency / rated value	Hz	50
Switching capacity current / in accordance with IEC 60947-2 / rated value	kA	40
Supply voltage / for AC / rated value	V	400
Current / for AC / rated value	Α	10
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 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 60 Cel A 8.7 - at 60 Cel A 8.7		_	
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 60 Cel A 8.4	rated current In		-
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 60 Cel A 8.4	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 45 Cel • at 55 Cel • at 60 Cel • at 60 Cel - C - C - C - C - C - C - C -	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 50 Cel • at 55 Cel • at 60 Cel A 8.7	Rated ultimate short-circuit breaking capacity Icu		-
rated current In IEC, DIN/VDE	Tripping characteristics Number		-
Tripping characteristic/-class Test current I4, hold (x In) - rated current In / IEC, DIN/VDE A 10 • at 30 Cel A 9.6 • at 45 Cel A 9.3 • at 50 Cel A 9 • at 55 Cel A 8.7 • at 60 Cel A 8.4	Tripping characteristic/-class Conventional tripping current I2, (x In)		-
• at 30 Cel	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 10 A 9.6 A 9.3 A 9 A 8.7 A 8.4 	Tripping characteristic/-class Test current I4, hold (x In)		-
 at 40 Cel at 45 Cel at 50 Cel at 50 Cel at 55 Cel at 60 Cel A 9.6 A 9.3 A 9 A 8.7 A 8.4 	rated current In / IEC, DIN/VDE		
 at 45 Cel at 50 Cel at 55 Cel at 60 Cel A 9.3 A 9 A 8.7 A 8.4 	• at 30 Cel	Α	10
• at 50 Cel A 9 • at 55 Cel A 8.7 • at 60 Cel A 8.4	• at 40 Cel	Α	9.6
• at 55 Cel A 8.7 • at 60 Cel A 8.4	• at 45 Cel	Α	9.3
• at 60 Cel A 8.4	• at 50 Cel	Α	9
	• at 55 Cel	Α	8.7
Resistance against shock / according to IEC 60068-2-27 150m/s² at 11ms half-sine	• at 60 Cel	Α	8.4
	Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine

Certificat	tes/ap	prova	ls:

General Product Approval	Declaration of Conformity	other
ROSTEST	Manufacturer	<u>other</u>

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,...)

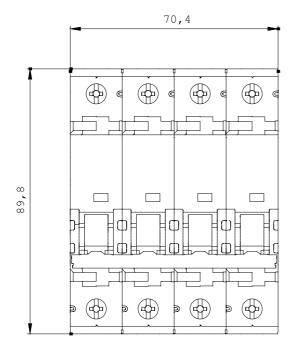
http://support.automation.siemens.com/WW/view/en/5SY8410-7/all

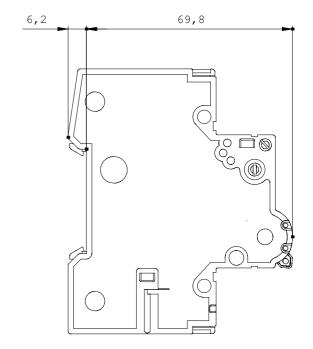
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY8410-7

CAx-Online-Generator

http://www.siemens.com/cax





last change: Nov 3, 2011