# **SIEMENS**

Product data sheet 5SY6110-7



CIRCUIT BREAKER 230/400V 6KA, 1-POLE, C, 10A, D=70MM

Similar to image

Tankulani data:			
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	15	
Breaking capacity current / acc. to EN 60898 / rated value	kA	6	
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		-	

Particular 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 55 Cel • at 60 Cel  Resistance against shock/according to IEC 60068-2-27    Comparison of the comparison			
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 50 Cel  • at 55 Cel  • at 60 Cel  A 8.7	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  A  8.4	rated current In		-
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  • at 30 Cel  • at 40 Cel  • at 45 Cel  • at 50 Cel  • at 55 Cel  • at 60 Cel  A 8.7	Rated make-break capacity Icn		-
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 ln)  rated current In IEC, DIN/VDE  Tripping characteristic/-class Test current I4, hold (x ln)  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		-
(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       A       10         • at 40 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 characteristics Number		-
Tripping characteristic/-class Test current I4, hold (x In)       -         rated current In / IEC, DIN/VDE         • at 30 Cel       A       10         • at 40 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			-
rated current In / IEC, DIN/VDE         • at 30 Cel       A       10         • at 40 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	rated current In IEC, DIN/VDE		-
<ul> <li>at 30 Cel</li> <li>at 40 Cel</li> <li>at 45 Cel</li> <li>at 50 Cel</li> <li>at 55 Cel</li> <li>at 60 Cel</li> </ul> <ul> <li>A 10</li> <li>A 9.6</li> <li>A 9.3</li> <li>A 9</li> <li>A 8.7</li> <li>A 8.4</li> </ul>	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  9.6  A  9.3  A  9  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	А	8.7
Resistance against shock / according to IEC 60068-2-27 150m/s² at 11ms half-sine	• at 60 Cel	А	8.4
	Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine

## **Certificates/approvals:**

#### **General Product Approval**



**IMQ** 

**KETI** 

ROSTEST





Declaration of Conformity

# **Shipping Approval**

Manufacturer







Kegíst



other

other

## Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

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

Industry Mall (Online ordering system)

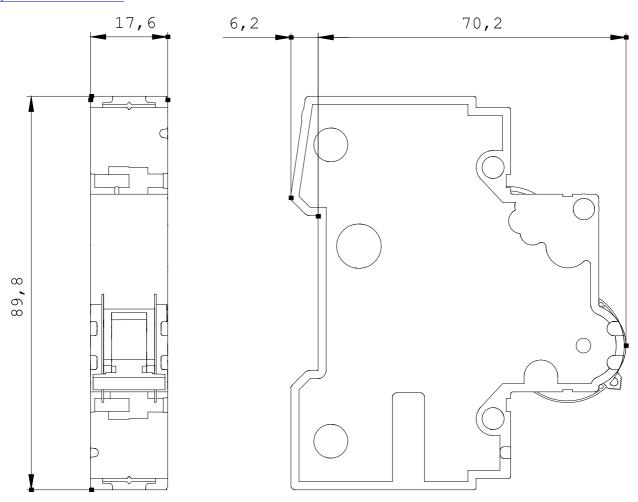
http://www.siemens.com/lowvoltage/mall

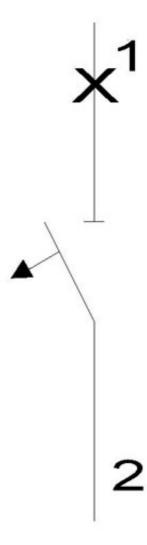
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

 $\underline{\text{http://support.automation.siemens.com/WW/view/en/5SY6110-7/all}}$ 

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY6110-7}}$ 





last change: Nov 3, 2011