## **SIEMENS**

Product data sheet 5SY6101-7



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

Similar to image

Technical data:		
Type of mounting		Quick assembly system
type of voltage		AC/DC
Height	mm	90
Width	mm	18
Depth	mm	76
mounting position		any
Mounting depth	mm	70
Current / for AC / rated value	Α	1
Tripping characteristic class		С
Supply voltage		
• for AC / rated value	V	400
• with single-phase operation / with AC / rated value	V	230
with multi-phase operation / with AC / rated value	V	400
Switching capacity current		
• in accordance with IEC 60947-2 / rated value	kA	30
• with DC / in accordance with IEC 60947-2 / rated value	kA	15
• acc. to EN 60898 / rated value	kA	6
Breaking capacity short-circuit current (Icn)		

<ul> <li>with DC / in accordance with EN 60898-2</li> </ul>	kA	10
• with AC / in accordance with UL 1077 and CSA C22.2 No.235	kA	5
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	1.6
Number of pitch units for width		1
Product feature / sealable		Yes
Degree of pollution		3
Ambient temperature	°C	-25 +55
Ambient temperature		
during storage	°C	-40 <b>+7</b> 5
Position / of power supply cord		Any
Product property / properties for main switches in accordance with EN 60204-1		Yes
Mechanical operating cycles as operating time / typical		20,000
Overvoltage class		3
Product equipment / touch-protection		Yes
Resistance against shock / according to IEC 60068-2-27		150m/s² at 11ms half-sine
Insulation voltage		
• with single-phase operation / with AC / rated value	V	250
with multi-phase operation / with AC / rated value	V	440
AWG number		
as encoded connectable conductor cross-section		14 4
Section de conducteur raccordable		
• solid	mm²	0.75 35
• multibrin	mm²	0.75 35
• finely stranded		
with wire end processing	mm²	0.75 25
Product component		
combined terminal top		Yes
combined terminal bottom		Yes
Tightening torque		
with screw-type terminals	N⋅m	2.5 3
Tightening torque (lbf-in)		
with screw connection	lbf-in	22 26
Product feature		
• [not supplied - silicon-free]		Yes
halogen-free		Yes
Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30		6
Item designation / according to DIN EN 61346-2		F

## **Certificates/approvals:**

## **General Product Approval**













Declaration of Conformity

**Shipping Approval** 













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,...)

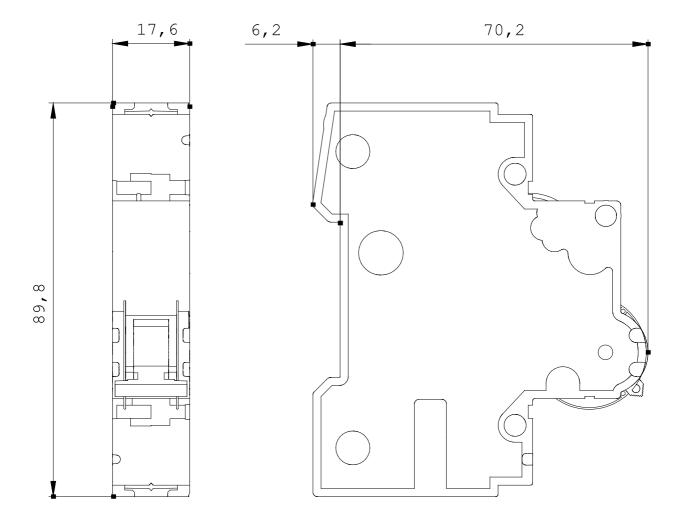
http://support.automation.siemens.com/WW/view/en/5SY6101-7/all

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

http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5SY6101-7

**CAx-Online-Generator** 

http://www.siemens.com/cax



last change: Apr 15, 2013