SIEMENS

Product data sheet



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

Similar to image

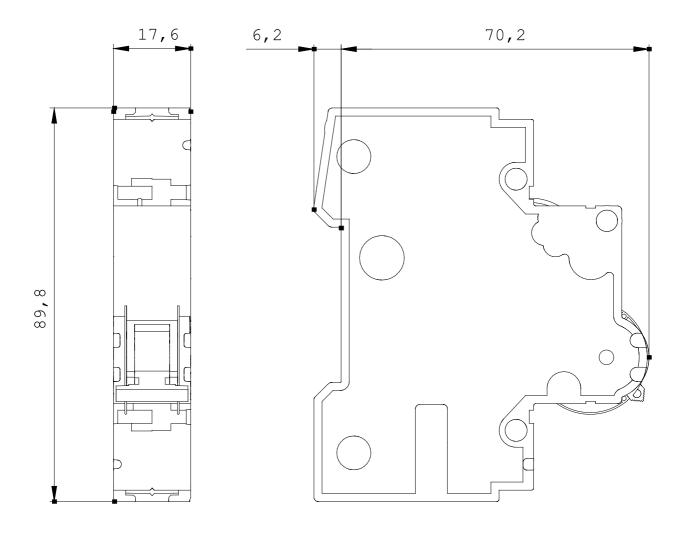
Technical data:						
Type of mounting		Quick assembly system				
type of voltage		AC/DC				
Height	mm	90				
Width	mm	18				
Depth	mm	76				
mounting position		any				
Mounting depth	mm	70				
Current / for AC / rated value	А	6				
Tripping characteristic class		В				
Supply voltage						
• for AC / 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	35				
• with DC / in accordance with IEC 60947-2 / rated value	kA	15				
acc. to EN 60898 / rated value	kA	10				
Breaking capacity short-circuit current (lcn)						

• with DC / in accordance with EN 60898-2	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	1.7
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 +75
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/s ² 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 (Ibf-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 Ap	oproval				Declaration of Conformity		
	GOST	MQ			EG-Konf.		
Test Certificates	Shipping Approv	val					
Special Test Certificate	BUREAU VERITAS		GL	Lloyd's Register	RINA		
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/5SY4106-6/all							
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams,) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SY4106-6							

CAx-Online-Generator

http://www.siemens.com/cax



last change:

Dec 31, 2012