



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

General technical data:

type of voltage		AC/DC
Mounting depth	mm	70
mounting position		any
Height	mm	90
Width	mm	18
Depth	mm	76
Current / for AC / rated value	A	6
Tripping characteristic class		B
Supply voltage		
• for AC / rated value	V	240
• with single-phase operation / with AC / rated value	V	230
• with multi-phase operation / with AC / rated value	V	400
Operating voltage		
• minimum	V	24
• with single-phase operation / with AC / maximum	V	250
• with multi-phase operation / with AC / maximum	V	440
• for DC / rated value / maximum	V	60
Supply voltage frequency / rated value	Hz	50
Number of poles		1

Number of poles /note		1
Product function / n-switching		No
Switching capacity current		
• in accordance with IEC 60947-2 / rated value	kA	6
• acc. to EN 60898 / rated value	kA	6
Active power loss / at rated value current / with AC / in warm operating state / per pole	W	2.1
Number of pitch units for width		1
Product extension / can be installed / supplementary device		Yes
Product feature / sealable		Yes
Protection class IP		IP20, with connected conductors
Degree of pollution		2
Influence of the surrounding temperature		Periodically +55°C, max. 95% humidity
Ambient temperature	°C	-20 ... +45
Ambient temperature		
• during storage	°C	-40 ... +75
Position / of power supply cord		Any
Mechanical operating cycles as operating time / typical		20,000
Resistance against vibration / according to IEC 60068-2-6		50m/s² at 25 to 150Hz and 60m/s² at 10 to 150 Hz
Energy limiting class		3
Overvoltage class		3
Product equipment / touch-protection		Yes
Insulation voltage / for AC / rated value	V	440
Conductor cross-section that can be connected		
• solid	mm²	0.75 ... 25
• multibrin	mm²	0.75 ... 25
• finely stranded		
• with wire end processing	mm²	1.5 ... 2.5
Design of the electrical connection / snap-on clamps / [not supplied - note]		Screwless terminals on the outgoing side for 1.5 to 4mm²
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
Device tag		
• according to DIN EN 61346-2		F
• according to DIN EN 81346-2		F

Certificates/approvals:

General Product Approval



Declaration of Conformity



EG-Konf.

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/5SJ6106-6/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ6106-6

CAX-Online-Generator

<http://www.siemens.com/cax>

last change:

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