



CIRCUIT BREAKER 230/400V 6KA, 1-POLE, B, 13A, D=70MM

General technical data:		
<b>type of voltage</b>		AC/DC
<b>Mounting depth</b>	mm	70
<b>mounting position</b>		any
<b>Height</b>	mm	90
<b>Width</b>	mm	18
<b>Depth</b>	mm	76
<b>Current / for AC / rated value</b>	A	13
<b>Tripping characteristic class</b>		B
<b>Supply voltage</b>		
• 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
<b>Operating voltage</b>		
• 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
<b>Supply voltage frequency / rated value</b>	Hz	50
<b>Number of poles</b>		1

<b>Number of poles /note</b>		1
<b>Product function / n-switching</b>		No
<b>Switching capacity current</b>		
• in accordance with IEC 60947-2 / rated value	kA	6
• acc. to EN 60898 / rated value	kA	6
<b>Active power loss / at rated value current / with AC / in warm operating state / per pole</b>	W	2
<b>Number of pitch units for width</b>		1
<b>Product extension / can be installed / supplementary device</b>		Yes
<b>Product feature / sealable</b>		Yes
<b>Protection class IP</b>		IP20, with connected conductors
<b>Degree of pollution</b>		2
<b>Influence of the surrounding temperature</b>		Periodically +55°C, max. 95% humidity
<b>Ambient temperature</b>	°C	-20 ... +45
<b>Ambient temperature</b>		
• during storage	°C	-40 ... +75
<b>Position / of power supply cord</b>		Any
<b>Mechanical operating cycles as operating time / typical</b>		20,000
<b>Resistance against vibration / according to IEC 60068-2-6</b>		50m/s <sup>2</sup> at 25 to 150Hz and 60m/s <sup>2</sup> at 10 to 150 Hz
<b>Energy limiting class</b>		3
<b>Overvoltage class</b>		3
<b>Product equipment / touch-protection</b>		Yes
<b>Insulation voltage / for AC / rated value</b>	V	440
<b>Conductor cross-section that can be connected</b>		
• solid	mm <sup>2</sup>	0.75 ... 25
• multibrin	mm <sup>2</sup>	0.75 ... 25
• finely stranded		
• with wire end processing	mm <sup>2</sup>	1.5 ... 2.5
<b>Design of the electrical connection / snap-on clamps / [not supplied - note]</b>		Screwless terminals on the outgoing side for 1.5 to 4mm <sup>2</sup>
<b>Product feature</b>		
• [not supplied - silicon-free]		Yes
• halogen-free		Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		6
<b>Device tag</b>		
• according to DIN EN 61346-2		F
• according to DIN EN 81346-2		F

#### Certificates/approvals:

**General Product Approval**

**Declaration of Conformity**



**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/5SJ6113-6/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SJ6113-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ6113-6)

**CAX-Online-Generator**

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

**last change:**

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