



CIRCUIT BREAKER 230/400V 6KA, 1-POLE,  
B, 20A,  
D=70MM WITH SCREWLESS TAP-OFF TERMINAL

General technical data:		
type of voltage		AC/DC
mounting position		any
Height	mm	90
Width	mm	18
Depth	mm	76
Current / for AC / rated value	A	20
Tripping characteristic class		B
<b>Supply voltage</b>		
• 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
<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>		1P

<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	2.2
<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	-25 ... +45
<b>Ambient temperature</b>		
• during storage	°C	-40 ... +75
<b>Mechanical operating cycles as operating time / typical</b>		20,000
<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
• at plug-type connection / when using the top terminal point		
• without end sleeve	mm <sup>2</sup>	1.5 ... 4
<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



GOST



VDE



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,...)

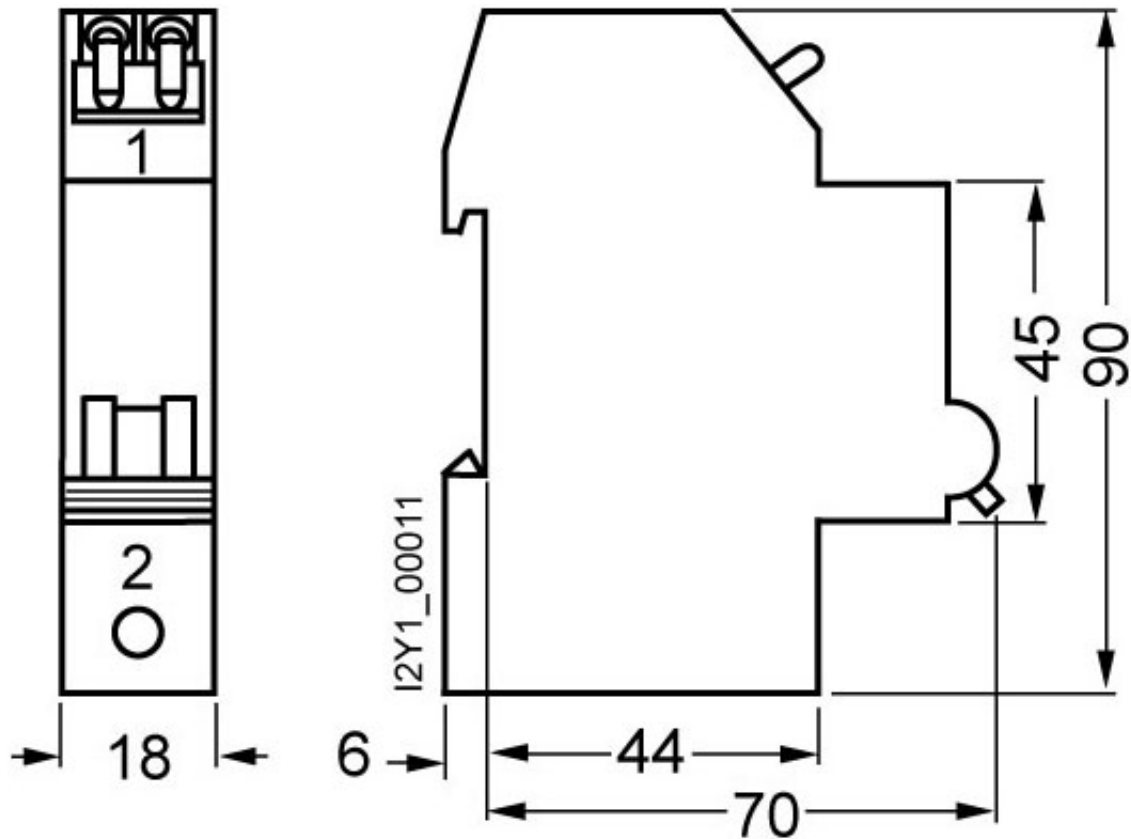
<http://support.automation.siemens.com/WW/view/en/5SJ6120-6KS/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SJ6120-6KS](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ6120-6KS)

CAx-Online-Generator

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



last change:

Dec 3, 2012