



CIRCUIT BREAKER 10KA, 1POLE, D,  
2A ACC. TO UL 489 - 277V

Similar to image

**Technical data:**

<b>type of voltage</b>		AC/DC
<b>Type of mounting</b>		on standard mounting rail
<b>mounting position</b>		any
<b>Mounting depth</b>	mm	70
<b>Height</b>	mm	121
<b>Width</b>	mm	18
<b>Depth</b>	mm	76
<b>Current / for AC / rated value</b>	A	2
<b>rated current I<sub>n</sub> / IEC, DIN/VDE / at 40 Cel</b>	A	2
<b>Tripping characteristic class</b>		D
<b>Operating voltage / minimum</b>	V	24
<b>Supply voltage / for AC / rated value</b>	V	400
<b>Supply voltage</b>		
• with single-phase operation / with AC / rated value	V	230
• with multi-phase operation / with AC / rated value	V	400
<b>Supply voltage frequency / rated value</b>	Hz	50
<b>Operating voltage</b>		

<ul style="list-style-type: none"> <li>• with AC / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum</li> </ul>	V	277
<ul style="list-style-type: none"> <li>• with DC <ul style="list-style-type: none"> <li>• rated value / maximum</li> </ul> </li> </ul>	V	60
<ul style="list-style-type: none"> <li>• 1-channel / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum</li> </ul>	V	60
<ul style="list-style-type: none"> <li>• 2-channel / in accordance with UL 489 and CSA C22.2 No. 5-02 / maximum</li> </ul>	V	125
<b>Number of poles /note</b>		1P
<b>Switching capacity current</b>		
<ul style="list-style-type: none"> <li>• in accordance with IEC 60947-2 / rated value</li> </ul>	kA	15
<ul style="list-style-type: none"> <li>• acc. to EN 60898 / rated value</li> </ul>	kA	10
<b>Breaking capacity short-circuit current (I<sub>cn</sub>) / with AC / in accordance with UL 1077 and CSA C22.2 No.235</b>	kA	10
<b>Active power loss / at rated value current / with AC / in warm operating state / per pole</b>	W	1.8
<b>Number of pitch units for width</b>		1
<b>Product feature / sealable</b>		Yes
<b>Degree of pollution</b>		3
<b>Position / of power supply cord</b>		Any
<b>Mechanical operating cycles as operating time / typical</b>		20,000
<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 / finely stranded</b>		
<ul style="list-style-type: none"> <li>• with wire end processing</li> </ul>	mm <sup>2</sup>	0.75 ... 25
<b>Product component</b>		
<ul style="list-style-type: none"> <li>• combined terminal top</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• combined terminal bottom</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• tunnel terminals top</li> </ul>		No
<ul style="list-style-type: none"> <li>• tunnel terminals bottom</li> </ul>		No
<b>Product function / [not supplied - note]</b>		Terminal tightening torque for Cu, 60/75°C; 3.5Nm/31lb.in
<b>Product feature</b>		
<ul style="list-style-type: none"> <li>• [not supplied - silicon-free]</li> </ul>		Yes
<ul style="list-style-type: none"> <li>• halogen-free</li> </ul>		Yes
<b>Number of test cycles / for environmental testing / in accordance with IEC 60068-2-30</b>		6
<b>Device tag</b>		
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> </ul>		F
<ul style="list-style-type: none"> <li>• according to DIN EN 81346-2</li> </ul>		F

## Certificates/approvals:

### General Product Approval



## 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,...)

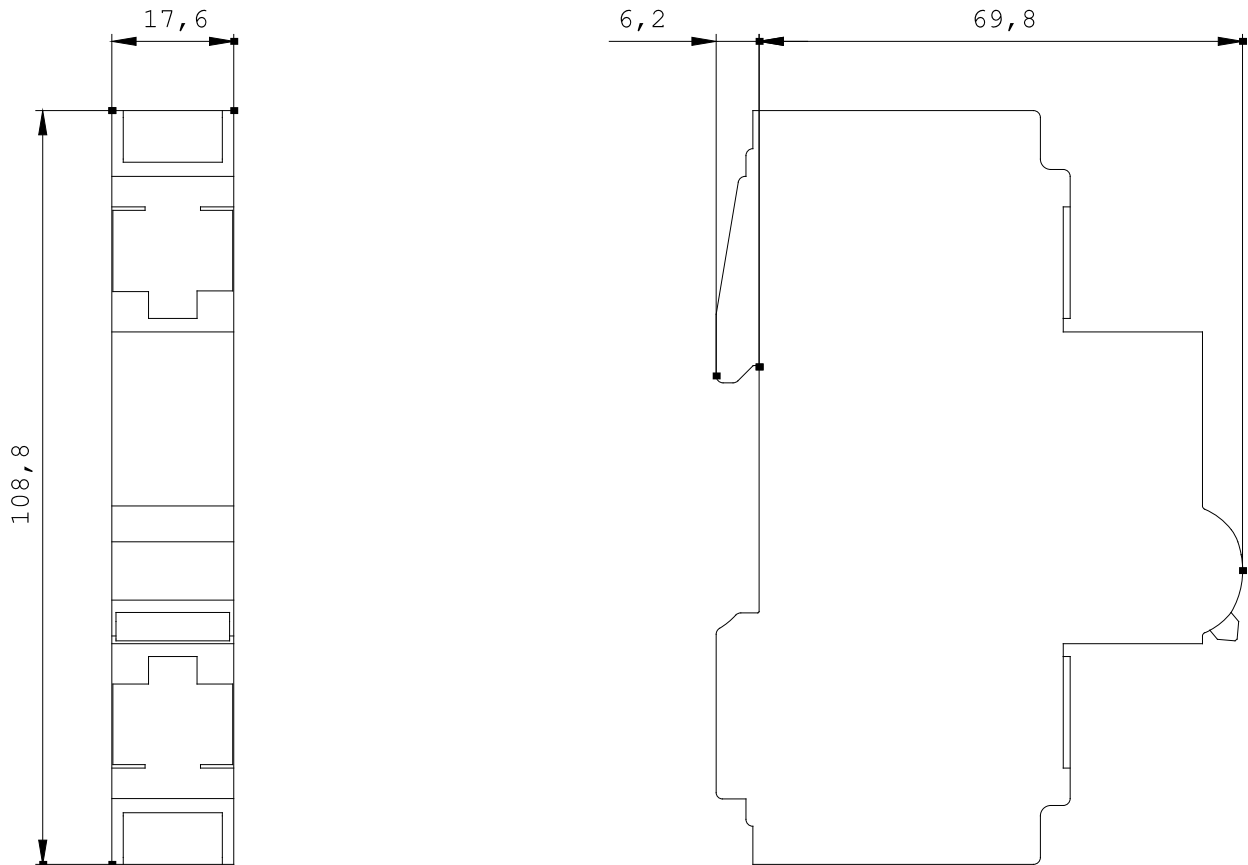
<http://support.automation.siemens.com/WW/view/en/5SJ4102-8HG42/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5SJ4102-8HG42](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SJ4102-8HG42)

### CAX-Online-Generator

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



last change:

Dec 17, 2012