

RC unit, 2-pole, type A, In: 16 A, 10 mA, Un AC: 230 V



Figure similar

Model		
product brandname		SETRON
Product designation		RCCB unit
Design of the product		Instantaneous

General technical data		
Number of poles		2
Size of installation devices / acc. to DIN 43880		1
Protection against electrical shock		Finger and back-of-hand safe
circuit-breaker / Design		5SM2
Mechanical service life (switching cycles) / typical		10 000
Overvoltage category		III

Supply voltage		
Supply voltage		
• at AC / rated value	V	230
• for testing equipment / minimum	V	195

Protection class		
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<b>Protection class IP</b>		IP20, if the distribution board is installed, with connected conductors
<b>Dissipation</b>		
<b>Power loss [W]</b>		
<ul style="list-style-type: none"> <li>for rated value of the current / at AC / in hot operating state / per pole</li> </ul>	W	2.5
<ul style="list-style-type: none"> <li>maximum</li> </ul>	W	5
<b>Electricity</b>		
<b>Tripping residual current / rated value</b>	mA	10
rated current $I_n$ / IEC, DIN/VDE / at 40 Cel	A	14.88
<b>Type of fault current</b>		A
Current / at AC / rated value	A	16
Surge current resistance / rated value	kA	1
<b>Operating frequency</b>		50Hz
<b>Product details</b>		
<b>Product feature</b>		
<ul style="list-style-type: none"> <li>halogen-free</li> </ul>		Yes
<ul style="list-style-type: none"> <li>silicon-free</li> </ul>		Yes
Product extension / can be installed / supplementary devices		Yes
<b>Number</b>		
<b>Number of test cycles / for environmental testing / acc. to IEC 60068-2-30</b>		28
<b>Connections</b>		
<b>Connectable conductor cross-section / stranded</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	mm <sup>2</sup>	1.5
<ul style="list-style-type: none"> <li>maximum</li> </ul>	mm <sup>2</sup>	25
<b>Connectable conductor cross-section / solid</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	mm <sup>2</sup>	1.5
<ul style="list-style-type: none"> <li>maximum</li> </ul>	mm <sup>2</sup>	25
<b>Tightening torque / with screw-type terminals</b>		
<ul style="list-style-type: none"> <li>minimum</li> </ul>	N·m	2.5
<ul style="list-style-type: none"> <li>maximum</li> </ul>	N·m	3
Position / of power supply cord		top or bottom
<b>Mechanical Design</b>		
<b>Height</b>	mm	90
<b>Width</b>	mm	71
<b>Depth</b>	mm	70
<b>Mounting position</b>		any
<b>Installation depth</b>	mm	70
<b>Number of width units</b>		2

Mounting type		DIN rail (REG)
Net weight	g	192

### Environmental conditions

<b>Ambient temperature</b>		
• minimum	°C	-25
• maximum	°C	45
• during storage / minimum permissible	°C	-40
• during storage / maximum permissible	°C	75

### Certificates

<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		F
• acc. to DIN EN 81346-2		F

### General Product Approval



[sonstig](#)



### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5SM2121-6>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/5SM2121-6/all>

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

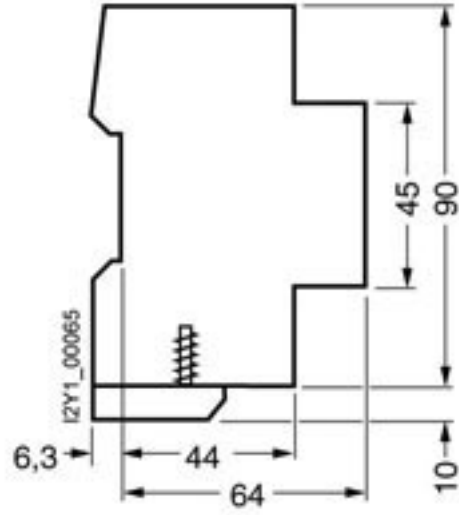
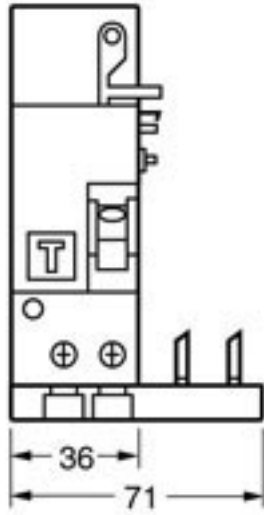
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mfb=5SM2121-6](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5SM2121-6)

**CAX-Online-Generator**

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

**Tender specifications**

<http://ausschreibungstexte.siemens.com/tiplv>



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