

COMPONENT FOR ENCLOSURE, 22MM CONTACT BLOCK WITH 1 CONTACT ELEMENT SCREW TERMINAL, 1NO !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1400-2AA10-1BA0<<



<b>Product designation</b>	contact block
<b>Contact block/ lampholder</b>	
<b>Number of lampholders</b>	0
<b>General technical data</b>	
<b>Product function</b>	
• positive opening	No
<b>Product component</b>	
• diode	No
• lamp transformer	No
• Light source	No
• series resistor	No
<b>Insulation voltage</b>	
• rated value	400 V
<b>Degree of pollution</b>	class 3
<b>Type of voltage</b>	
• of the operating voltage	AC/DC
<b>Surge voltage resistance rated value</b>	4 kV
<b>Protection class IP</b>	

<ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>	IP40
<ul style="list-style-type: none"> <li>• of the terminal</li> </ul>	IP20
<b>Operating frequency maximum</b>	1 000 1/h
<b>Mechanical service life (switching cycles)</b>	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	10 000 000
<b>Electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical</b>	10 000 000
<b>Thermal current</b>	10 A
<b>Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750</b>	S
<b>Reference code acc. to DIN EN 81346-2</b>	P
<b>Reference code acc. to DIN EN 61346-2</b>	P
<b>Design of the fuse link for short-circuit protection of the auxiliary switch with type of coordination 1 required</b>	gG / Dz 10 A
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul>	5 ... 400 V 5 ... 300 V 5 ... 230 V
<b>Operating voltage 1</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC rated value</li> </ul>	400 V 300 V 24 V

## Power Electronics

<b>Contact reliability</b>	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
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## Auxiliary circuit

<b>Number of NC contacts for auxiliary contacts</b>	0
<b>Number of NO contacts for auxiliary contacts</b>	1
<b>Number of CO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	0
<b>Operating current at AC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> </ul>	10 A 10 A 10 A 10 A 10 A
<b>Operating current at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> </ul>	6 A

<ul style="list-style-type: none"> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> </ul>	6 A 6 A 6 A 3 A
<b>Operating current at DC-12</b> <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	10 A 5 A 2.5 A 1 A
<b>Operating current at DC-13</b> <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> </ul>	3 A 1.5 A 0.7 A 0.3 A

#### Connections/ Terminals

<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts               <ul style="list-style-type: none"> <li>— solid</li> <li>— solid with core end processing</li> <li>— finely stranded with core end processing</li> </ul> </li> <li>• at AWG conductors for auxiliary contacts</li> </ul>	2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 0.75 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (18 ... 14)
<b>Tightening torque</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts with screw-type terminals</li> </ul>	0.8 N·m

#### Ambient conditions

<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +70 °C -25 ... +80 °C
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#### Installation/ mounting/ dimensions

<b>Mounting type</b>	floor mounting
<b>Height</b>	49.5 mm
<b>Width</b>	10 mm
<b>Depth</b>	28 mm

#### Certificates/ approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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CCC



CSA



VDE



EG-Konf.

[Miscellaneous](#)

**other**

[Confirmation](#)

**Further information**

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

[www.siemens.com/ic10](http://www.siemens.com/ic10)

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SB3420-0B>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SB3420-0B>

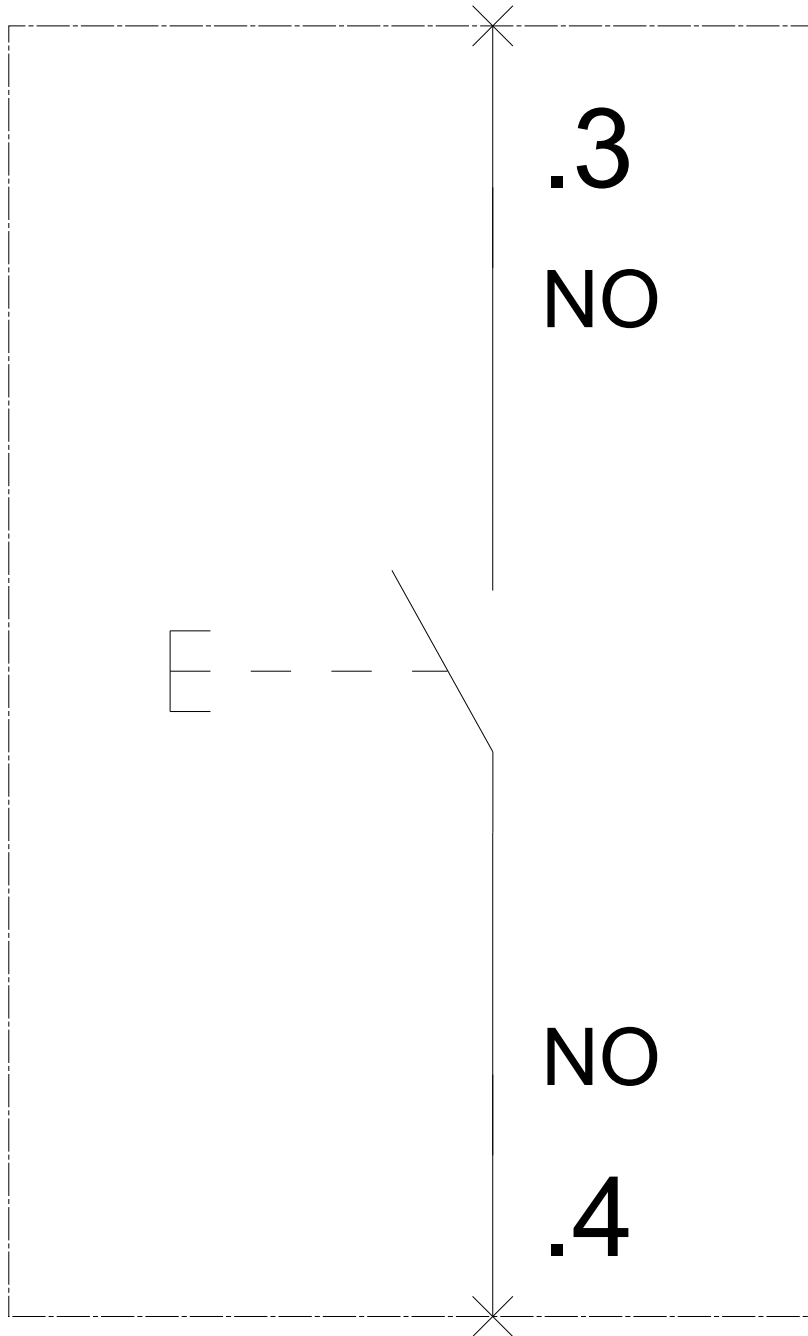
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3420-0B>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SB3420-0B&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SB3420-0B&lang=en)

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