



COMPONENT FOR ENCLOSURE,  
22MM CONTACT BLOCK WITH 1 CONTACT ELEMENT  
SCREW TERMINAL,  
1NO

Contact block/ lampholder:		
product designation		contact block
Number of NC contacts / for auxiliary contacts		0
Number of NO contacts / for auxiliary contacts		1
Number of changeover contacts / for auxiliary contacts		0
Product function / positive opening		No
Number of lampholders		0
Design of the electrical connection		screw-type terminals

General technical details:		
Degree of pollution		class 3
Design of the fuse link / for short-circuit protection of the auxiliary switch / with type of assignment 1 / required		gG / Dz 10 A
Contact reliability		one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
Thermal current	A	10
Type of voltage / of the operating voltage		AC/DC
Item designation		P S
<ul style="list-style-type: none"> <li>• according to DIN EN 61346-2</li> <li>• according to DIN 40719 extendable after IEC 204-2 / according to IEC 750</li> </ul>		
Ambient temperature		

• during operating	°C	-25 ... +70
• during storage	°C	-25 ... +80
<b>protection class IP</b>		
• of the terminal		IP20
• of the housing		IP40
<b>Operating voltage / 1 / at 50 Hz / for AC / rated value</b>	V	400
<b>Operating voltage / 1 / at 60 Hz / for AC / rated value</b>	V	300
<b>Operating voltage</b>		
• 1 / for DC / rated value	V	24
• at 50 Hz / at AC / rated value	V	5 ... 400
• at 60 Hz / at AC / rated value	V	5 ... 300
• for DC		
• rated value	V	5 ... 230
<b>Operating current</b>		
• at AC-12		
• at 24 V	A	10
• at 48 V	A	10
• at 110 V	A	10
• at 230 V	A	10
• at 400 V	A	10
• at AC-15		
• at 24 V	A	6
• at 48 V	A	6
• at 110 V	A	6
• at 230 V	A	6
• at 400 V	A	3
• at DC-12		
• at 24 V	A	10
• at 48 V	A	5
• at 110 V	A	2.5
• at 230 V	A	1
• at DC-13		
• at 24 V	A	3
• at 48 V	A	1.5
• at 110 V	A	0.7
• at 230 V	A	0.3
<b>Suitability for integration</b>		front element
• pressure selection button		Yes
• front element		Yes
• suspension switch		Yes

• suspension pushbutton		Yes
<b>Insulation voltage / rated value</b>	V	400
<b>Impulse voltage resistance / rated value</b>	kV	4
<b>Tightening torque / for auxiliary contacts / with screw-type terminals</b>	N·m	0.8
<b>Operating cycles / maximum</b>	1/h	1,000
<b>Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical</b>		10,000,000
<b>Mechanical operating cycles as operating time / typical</b>		10,000,000
<b>Product component</b>		
• fluorescent materials		No
• diode		No
• lamp transformer		No
• series resistance		No
<b>Type of mounting</b>		floor mounting

#### Connections:

##### Type of the connectable conductor cross-section

- for auxiliary contacts / solid
- for auxiliary contacts / solid / with conductor end processing
- for auxiliary contacts / finely stranded / with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (1 ... 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)

#### Certificates/approvals:

##### General Product Approval



[Confirmation](#)

[Environmental Confirmations](#)

##### Declaration of Conformity

##### other

#### Further information:

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

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<http://www.siemens.com/industrial-controls/mall>

##### Cax online generator

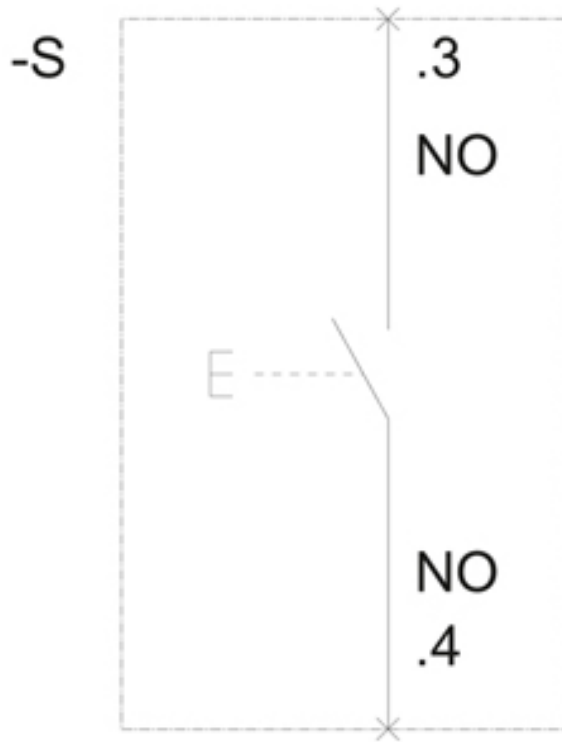
<http://www.siemens.com/cax>

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

<http://support.automation.siemens.com/WW/view/en/3SB3420-0B/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SB3420-0B](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3420-0B)



last change:

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