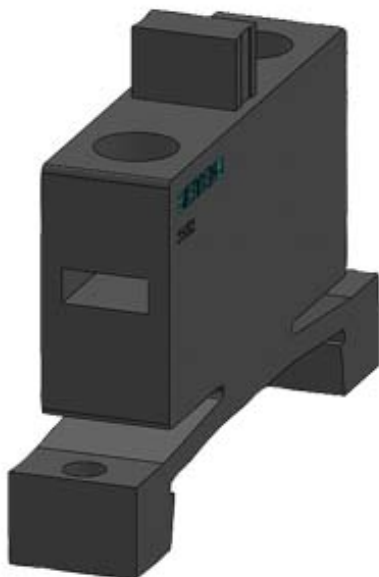


COMPONENT FOR ENCLOSURE, 22MM CONTACT BLOCK WITH
1 CONTACT ELEMENT SCREW TERMINAL, 1NO GOLD-PLATED
CONTACTS



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

• of the enclosure • of the terminal	IP40 IP20
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles) • typical	10 000 000
Electrical endurance (switching cycles) with contactors 3RT1015 to 3RT1026 typical	10 000 000
Thermal current	10 A
Equipment marking • acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2	S P P
Design of the fuse link for short-circuit protection of the auxiliary switch with type of coordination 1 required	gG / Dz 10 A
Operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC — rated value	5 ... 400 V 5 ... 300 V 5 ... 230 V
Operating voltage 1 • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value	400 V 300 V 24 V

Power Electronics:

Contact reliability	one incorrect switching operation of 100 million switching operations (5 V, 1 mA)
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Auxiliary circuit:

Design of the contact of auxiliary contacts	Gold-plated
Number of NC contacts • for auxiliary contacts	0
Number of NO contacts • for auxiliary contacts	1
Number of CO contacts • for auxiliary contacts	0
Operating current at AC-12 • at 24 V rated value • at 48 V rated value • at 110 V rated value	10 A 10 A 10 A

• at 230 V rated value	10 A
• at 400 V rated value	10 A
Operating current at AC-15	
• at 24 V rated value	6 A
• at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	3 A
Operating current at DC-12	
• at 24 V rated value	10 A
• at 48 V rated value	5 A
• at 110 V rated value	2.5 A
• at 230 V rated value	1 A
Operating current at DC-13	
• at 24 V rated value	3 A
• at 48 V rated value	1.5 A
• at 110 V rated value	0.7 A
• at 230 V rated value	0.3 A

Connections/ Terminals:

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid	2x (1.0 ... 1.5 mm ²)
— solid with core end processing	2x (0.5 ... 0.75 mm ²)
— finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• at AWG conductors for auxiliary contacts	2x (18 ... 14)
Tightening torque	
• for auxiliary contacts with screw-type terminals	0.8 N·m

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-25 ... +80 °C

Installation/ mounting/ dimensions:

Mounting type	floor mounting
Height	49.5 mm
Width	10 mm
Depth	28 mm

Certificates/approvals

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
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[spezielle Prüfbescheinigung](#)
n

other

[Bestätigungen](#)

[Umweltbestätigung](#)

Further information

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

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

Industry Mall (Online ordering system)

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

Cax online generator

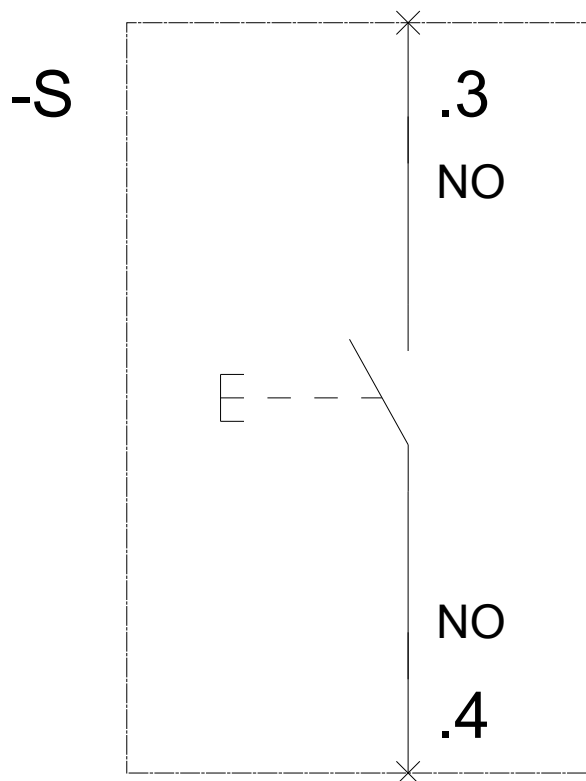
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3420-0BA>

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

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

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3420-0BA&lang=en



last modified:

10/07/2016