SIEMENS

Product data sheet 3SB3400-0L

ACTUATOR-/INDICATOR COMPONENT CONTACT BLOCK FOR FRONT PANEL MOUNTING SHUNTTRIP WITH 1 CONTACT ELEMENT REINFORCED RETURN SPRING SCREW TERMINAL, 1NO UNPACKED

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 data:				
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	А	10		
Voltage type / of operating voltage		AC/DC		
Reference code				
according to DIN EN 61346-2		S		
 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 		S		
Ambient temperature				
during operating	°C	-25 +70		
during storage	°C	-25 +80		
protection type IP				
of the terminal		IP20		
• of the enclosure		IP40		
Operating voltage / 1 / at 50 Hz / for AC / rated value	V	400		
Operating voltage / 1 / at 60 Hz / for AC / rated value	V	300		
Operating voltage				
• 1 / for DC / rated value	V	24		
• at 50 Hz / at AC / rated value	V	5 400		

Find Value	• at 60 Hz / at AC / rated value	V	5 300
Operating current at AC-12 A 10 • at 24 V A 10 • at 48 V A 10 • at 400 V A 10 • at 400 V A 10 • at 400 V A 10 • at 44 V A 6 • at 110 V A 6 • at 230 V A 6 • at 24 V A 6 • at 24 V A 5 • at 24 V A 5 • at 110 V A 2.5 • at 110 V A 2.5 • at 230 V A 1 • at 48 V A 5 • at 110 V A 2.5 • at 24 V A 3 • at 24 V A 3 • at 30 V A 1.5 • at 110 V A 0.3 • at 110 V A 0.3 • at 110 V A 0.3 • at 110 V	• for DC		
• at AC-12 • at 24 V • at 48 V • at 110 V • at 110 V • at 230 V • at 400 V • at 400 V • at 42 V • at 48 V • at 48 V • at 48 V • at 48 V • at 110 V • at 230 V • at 400 V • at 24 V • at 48 V • at 48 V • at 110 V • at 230 V • at 400 V • A • a 5 • at 110 V • at 230 V • at 20 V • at 230 V • at 20 V • at 230 V • at 24 V • at 230 V • at 24 V • at 230 V • at 24 V • at 24 V • at 3 • at DC-12 • at 24 V • at 3 • at 10 V • at 30 V • at 10 V • at 30 V • at 110 V • at 23 V • at 110 V • at 23 V • at 110 V • at 230 V • at 1230 V • at 1230 V • at 1230 V • at 1230 V • at 230 V • at 48 V • at 10 V • at 200 V • a	• rated value	V	5 230
• at 24 V	Operating current		
• at 48 V	• at AC-12		
. at 110 V . at 230 V . at 400 V . at 400 V . at 400 V . at 400 V . at 40 P . at 24 V . at 48 V . at 110 V . at 230 V . at 110 V . at 230 V . at 110 V . at 230 V . at 400 V . at 230 V . at 400 V . at 230 V . at 400 V . at 3 . at 24 V . at 48 V . at 148 V . at 140 V . at 25 V . at 230 V . at 230 V . at 230 V . at 110 V . at 25 V . at 110 V . at 230 V . at 25 V . at 230 V . at 25 V . at 230 V . at 25 V . at 27 V . at 280 V . at 3 . at 24 V . at 48 V . at 15 V . at 230 V . at 30 V . at 30 V . at 30 V . at 30 V . at 10 V . at 30 V . at 110 V . at 230 V . at 30 V . at 110 V . at 230 V . at 25 V . at 110 V . at 250 V . at 25 V . at 110 V . at 25 V . at 110 V . at 250 V . at 25 V . at	• at 24 V	Α	10
• at 230 ∨ A 10 • at A00 ∨ A 10 • at AC-15 A 6 • at 24 ∨ A 6 • at 110 ∨ A 6 • at 100 ∨ A 3 • at 400 ∨ A 3 • at DC-12 A 10 • at 24 ∨ A 5 • at 110 ∨ A 5 • at 110 ∨ A 1 • at 250 ∨ A 1 • at 24 ∨ A 3 • at 48 ∨ A 1.5 • at 48 ∨ A 1.5 • at 110 ∨ A 0.7 • at 330 ∨ A 0.3 Suitability for integration No No • pressure selection button No No • front element No No • suspension pushbutton Yes • suspension pushbutton Yes • suspension pushbutton Yes • suspension pushbutton Yes • suspension pushbutton Yes <t< td=""><td>• at 48 V</td><td>Α</td><td>10</td></t<>	• at 48 V	Α	10
• at 400 V • at AC-15 • at 24 V • at 48 V • at 48 V • at 110 V • at 230 V • at 400 V • at 24 V • at 48 V • at 400 V • at 20 V • at 20 V • at 20 V • at 20 V • at 24 V • A • at 24 V • A • at 25 • at 24 V • A • at 24 V • A • at 3 • at 24 V • at 48 V • at 48 V • at 3 • at 230 V • at 25 • at 230 V • at 20 V • at 30 V • be at 110 V • at 20	• at 110 V	Α	10
• at 24 V	• at 230 V	Α	10
• at 24 V • at 48 V • at 110 V • at 230 V • at 230 V • at 400 V • at 24 V • at 48 V • at 140 V • at 24 V • at 24 V • at 25 C • at 24 V • at 110 V • at 25 C • at 110 V • at 25 C • at 110 V • at 230 V • at 110 V • at 230 V • at 110 V • at 230 V • at 230 V • at 230 V • at 24 V • at 25 C •	• at 400 V	Α	10
• at 48 V • at 110 V • at 230 V • at 230 V • at 400 V • at 20 C • at 400 V • at DC-12 • at 24 V • at 48 V • at 110 V • at 3 • at 210 V • at 48 V • at 110 V • at 230 V • at 230 V • at 230 V • at 24 V • at 30 V • at 10 C-13 • at 24 V • at 48 V • at 110 V • at 24 V • at 30 V • at 24 V • at 30 V • at 30 V • at 24 V • at 30 V • at 80 V • at 10 V • at 80 V • at 10 V • at 10 V • at 10 V • at 25 V • at 10 V • at 25 V • at 10 V • at 20 V • a	• at AC-15		
• at 1110 V A 6 • at 230 V A 6 • at 400 V A 3 • at DC-12	• at 24 V	Α	6
• at 230 V A 6 • at 400 V A 3 • at DC-12 B C • at 24 V A 10 • at 48 V A 5 • at 110 V A 2.5 • at DC-13 B C • at 48 V A 3 • at 110 V A 0.7 • at 230 V A 0.3 Suitability for integration NO • pressure selection button NO • front element NO • suspension switch Yes • suspension pushbutton Yes Insulation voltage / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Nm 0.8 Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1026 / typical 10,000,000	• at 48 V	Α	6
• at 400 V A 3 • at DC-12 A 10 • at 48 V A 5 • at 110 V A 2.5 • at 230 V A 1 • at DC-13	• at 110 V	Α	6
• 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 48 V A 3 • at 110 V A 0.7 • at 230 V A 0.3 Suitability for integration • pressure selection button No • front element No • suspension switch Yes • suspension pushbutton Yes Insulation voltage / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals N·m 0.8 Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical 10,000,000	• at 230 V	Α	6
*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 400 V	Α	3
• 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 Suitability for integration No • pressure selection button No • front element No • suspension switch Yes • suspension pushbutton Yes Insulation voltage / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals N·m 0.8 Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical 10,000,000 Mechanical operating cycles as operating time / typical 10,000,000	• at DC-12		
• 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 Suitability for integration • pressure selection button No • front element No • suspension switch Yes • suspension pushbutton Yes Insulation voltage / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals N·m 0.8 Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical 10,000,000 Mechanical operating cycles as operating time / typical 10,000,000	• at 24 V	Α	10
• at 230 V • at DC-13 • at 24 V • at 48 V • at 110 V • at 230 V • A Suitability for integration • pressure selection button • front element • suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical A 1 1 1 1 1 1 1 1 1 1 1 1	• at 48 V	Α	5
* at DC-13 * at 24 V * at 48 V * at 110 V * at 230 V * A * O.7 * at 230 V * A * O.3 Suitability for integration * pressure selection button * front element * suspension switch * suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value Impulse voltage resistance / rated value Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum In 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	• at 110 V	Α	2.5
• at 24 V • at 48 V • at 110 V • at 230 V Suitability for integration • pressure selection button • front element • suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value W Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical A 1.5 A 1.5 A 0.7 No No No V 4 V 4 4 0.8	• at 230 V	Α	1
at 110 V at 230 V A Distability for integration pressure selection button front element suspension switch suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value V W W W W W W W W W W W W W W W W W W	• at DC-13		
at 110 V at 230 V A 0.3 Suitability for integration pressure selection button front element suspension switch suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum In 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical A 0.7 A 0.3 No No No V 400 400 11/h 1,000 10,000,000	• at 24 V	Α	3
• at 230 V Suitability for integration • pressure selection button • front element • suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value V 400 Impulse voltage resistance / rated value KV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum I/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	• at 48 V	Α	1.5
Suitability for integration • pressure selection button • front element • suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum In 1/h Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical No No Yes 400 No 400 No 1/h 1,000 1/h 1,000 10,000,000	• at 110 V	Α	0.7
pressure selection button front element suspension switch suspension pushbutton Insulation voltage / rated value Insulation voltage resistance / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	• at 230 V	Α	0.3
• front element • suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum I/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	Suitability for integration		
• suspension switch • suspension pushbutton Insulation voltage / rated value Impulse voltage resistance / rated value Itightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum In the suspension switch Yes Yes Yes 100 100 100 100 100 100 100 1	• pressure selection button		No
* suspension pushbutton Insulation voltage / rated value V 400 Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum I/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical Yes V 400 AU 10,000	• front element		No
Insulation voltage / rated value Impulse voltage resistance / rated value kV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical V 400 kV 4 1.000 1.000 1.000 1.000,000	• suspension switch		Yes
Impulse voltage resistance / rated value KV 4 Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	• suspension pushbutton		Yes
Tightening torque / for auxiliary contacts / with screw-type terminals Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	Insulation voltage / rated value	V	400
terminals Operating cycles / maximum 1/h 1,000 Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	Impulse voltage resistance / rated value	kV	4
Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000 10,000,000		N∙m	0.8
3RT1015 to 3RT1026 / typical Mechanical operating cycles as operating time / typical 10,000,000	Operating cycles / maximum	1/h	1,000
			10,000,000
Product component	Mechanical operating cycles as operating time / typical		10,000,000
	Product component		

• fluorescent materials		No
• diode		No
lamp transformer		No
• series resistance		No
Mounting type		front mounting
Width	mm	10
Height	mm	36.5
Depth	mm	20

Connections/ terminals:

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 (1.0 ... 1.5 mm²)

2x (0.5 ... 0.75 mm²)

2x (0.5 ... 1.5 mm²)

2x (18 ... 14)

Certificates/ approvals:

General Product Approval

Declaration of Conformity

other







Confirmation

Environmental Confirmations

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/3SB3400-0L/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3400-0L

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