SIEMENS

Product data sheet 3SB3403-0C



ACTUATOR-/INDICATOR COMPONENT CONTACT BLOCK WITH 1 CONTACT ELEMENT SPRING-LOADED TERMINAL, 1NC

General technical details:				
product designation		contact block		
Degree of pollution		class 3		
Insulation voltage / rated value	V	400		
Impulse voltage resistance / rated value	kV	4		
Thermal current	Α	10		
Contact reliability		one incorrect switching operation of 100 million switching operations (5 V, 1 mA)		
Protection against electrical shock		finger-safe		
• at AC-12 / at 24 V	Α	10		
• at AC-12 / at 48 V	Α	10		
• at AC-12 / at 110 V	Α	10		
• at AC-12 / at 230 V	Α	10		
• at AC-12 / at 400 V	Α	10		
• at AC-15				
• at 24 V	Α	6		
• at 48 V	Α	6		
• at 110 V	Α	6		
• at 230 V	Α	6		
• at 400 V	Α	3		
• at DC-12				

- at 24 V			
• at 110 V • at 230 V • at 230 V • at 230 V • at 24 V • at 48 V • at 48 V • at 110 V • at 230 V • A 7	• at 24 V	Α	10
• at 230 V • at DC-13 • at 24 V • at 48 V • at 140 V • at 210 V • at 230 V A 0.3 Type of voltage • of the operating voltage Operating voltage • of the operating voltage Operating voltage • for DC • rated value • for DC • rated value • at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • 1 / at 60 Hz / for AC / rated value • at 60 Hz / at AC • rated value • v • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 A 0.3 A 1.5 A 2. A 3. 3. 4. 4. 5. 4. 4. 4. 4. 4. 4. 4	• at 48 V	А	5
• at DC-13 • at 24 V • at 48 V • at 48 V • at 110 V • at 230 V Type of voltage • of the operating voltage • of the operating voltage • of the operating voltage • 1 / for DC / rated value • for DC • rated value • 1/ at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • v 5 300 Number of NO contacts / for auxiliary contacts 0 Number of nO contacts / for auxiliary contacts 0 Suitability for integration • suspension pushbutton • pressure selection button • front element • yes • yes • yes • tem designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	• at 110 V	А	2.5
• at 24 V • at 48 V • at 48 V • at 110 V • at 230 V A 0.7 • at 230 V A 0.3 Type of voltage • of the operating voltage • of the operating voltage • 1 / for DC / rated value • for DC • rated value • 1/ at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • 1/ at 60 Hz / for AC / rated value • at 60 Hz / for AC / rated value • at 60 Hz / for AC / rated value • v v 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Suitability for integration • suspension pushbutton • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated value • yes • results / for AC / rated val	• at 230 V	А	1
• at 48 V A 1.5 • at 110 V A 0.7 • at 230 V A 0.3 Type of voltage • of the operating voltage AC/DC Operating voltage • 1 / for DC / rated value V 24 • for DC • rated value V 5 230 • 1 / at 50 Hz / for AC / rated value V 400 • at 50 Hz / for AC / rated value V 5 400 • 1 / at 60 Hz / for AC / rated value V 300 • at 60 Hz / at AC • rated value V 5 300 Number of NC contacts / for auxiliary contacts V 5 300 Number of NC contacts / for auxiliary contacts 0 0 Number of change-over switches / for auxiliary contacts 0 0 Suitability for integration Yes Yes • pressure selection button Yes Yes • pressure selection button Yes Yes • suspension switch Yes Yes tem designation Yes Yes	• at DC-13		
• at 110 V A 0.7 • at 230 V A 0.3 Type of voltage • of the operating voltage AC/DC Operating voltage • 1 / for DC / rated value V 24 • for DC • rated value V 5 230 • 1 / at 50 Hz / for AC / rated value V 400 • at 50 Hz / at AC • rated value V 5 400 • 1 / at 60 Hz / for AC / rated value V 5 300 • rated value V 5 300 Number of NC contacts / for auxiliary contacts 1 Number of NC contacts / for auxiliary contacts 0 Number of change-over switches / for auxiliary contacts 0 Suitability for integration Yes • pressure selection button Yes • pressure selection button Yes • suspension switch Yes tem designation Yes • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S	• at 24 V	Α	3
• at 230 V A 0.3 Type of voltage • of the operating voltage Operating voltage • 1 / for DC / rated value • for DC • rated value • 1 / at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • rated value • rated value • v	• at 48 V	Α	1.5
Type of voltage • of the operating voltage Operating voltage • 1 / for DC / rated value • for DC • rated value • 1 / at 50 Hz / for AC / rated value • at 50 Hz / for AC / rated value • rated value • v	• at 110 V	Α	0.7
• of the operating voltage AC/DC Operating voltage	• at 230 V	Α	0.3
Operating voltage V 24 • 1 / for DC / rated value V 5 230 • 1 / at 50 Hz / for AC / rated value V 400 • at 50 Hz / at AC V 5 400 • rated value V 5 400 • 1 / at 60 Hz / for AC / rated value V 300 • at 60 Hz / at AC V 5 300 • rated value V 5 300 Number of NC contacts / for auxiliary contacts 1 Number of NO contacts / for auxiliary contacts 0 Number of change-over switches / for auxiliary contacts 0 Suitability for integration front element • suspension pushbutton Yes • front element Yes • suspension switch Yes Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S	Type of voltage		
• 1/ for DC / rated value • for DC • rated value • rated value • // at 50 Hz / for AC / rated value • at 50 Hz / at AC • rated value • rated value • rated value • rated value • // at 60 Hz / for AC / rated value • 1/ at 60 Hz / for AC / rated value • V • 5 300 Number of NC contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts O Suitability for integration • suspension pushbutton • suspension pushbutton • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Self-auxiliary contacts / V • 5 230 V • 5 400 • 5 400 • 5 300 I • 6 300 Self-auxiliary contacts • 7 · 8 · 9 · 9 · 9 · 9 · 9 · 9 · 9 · 9 · 9	of the operating voltage		AC/DC
• for DC • rated value • 1 / at 50 Hz / for AC / rated value • at 50 Hz / at AC • rated value • 1 / at 60 Hz / at AC • rated value • 1 / at 60 Hz / for AC / rated value • 1 / at 60 Hz / at AC • rated value • at 60 Hz / at AC • rated value • rated value • rated value • rated value Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts O Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 **Yes** S **S **S **S **S **S **S *	Operating voltage		
• rated value • 1 / at 50 Hz / for AC / rated value • at 50 Hz / at AC • rated value • 1 / at 60 Hz / for AC / rated value • 1 / at 60 Hz / for AC / rated value • 1 / at 60 Hz / at AC • rated value • v	• 1 / for DC / rated value	V	24
• 1/ at 50 Hz / for AC / rated value • at 50 Hz / at AC • rated value • 1/ at 60 Hz / for AC / rated value • 1/ at 60 Hz / for AC / rated value • at 60 Hz / at AC • rated value • rated value • V • 5 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts 0 Number of change-over switches / for auxiliary contacts U Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 V Suitability for integration • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	• for DC		
at 50 Hz / at AC inted value 1/ 5 400 1/ at 60 Hz / for AC / rated value 2/ 300 at 60 Hz / at AC inted value V 5 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts O Suitability for integration is suspension pushbutton is pressure selection button if ront element is suspension switch tem designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Tender of the Autonomy solution Suitability for integration is suspension switch	• rated value	V	5 230
• rated value • 1 / at 60 Hz / for AC / rated value • at 60 Hz / at AC • rated value V 5 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts O Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 V 5 400 5 400 5 400 5 400 For AC / rated value V 5 300 For AC / rated value	• 1 / at 50 Hz / for AC / rated value	V	400
• 1 / at 60 Hz / for AC / rated value • at 60 Hz / at AC • rated value V 5 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts O Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 **Total Contacts / For auxiliary contacts O Suitability for integration Yes Yes Yes Selection button Selection button Yes Selection button Yes Selection button	• at 50 Hz / at AC		
• at 60 Hz / at AC • rated value V 5 300 Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts 0 Number of change-over switches / for auxiliary contacts 0 Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	• rated value	V	5 400
• rated value Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Yes • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	• 1 / at 60 Hz / for AC / rated value	V	300
Number of NC contacts / for auxiliary contacts Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts O Suitability for integration • suspension pushbutton • pressure selection button • front element • suspension switch Yes • tront element • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 1 1 1 1 1 1 1 1 1 1 1 1 1	• at 60 Hz / at AC		
Number of NO contacts / for auxiliary contacts Number of change-over switches / for auxiliary contacts Suitability for integration • suspension pushbutton • pressure selection button • front element • front element • suspension switch Yes • tront element • suspension switch Yes • suspension switch Yes Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	• rated value	V	5 300
Number of change-over switches / for auxiliary contacts Suitability for integration • suspension pushbutton • pressure selection button • front element • front element • suspension switch Yes • suspension switch Yes Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	Number of NC contacts / for auxiliary contacts		1
Suitability for integration • suspension pushbutton • pressure selection button • front element • ront element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 The foot element Yes Yes Yes S S S S S S S S S S S S S	Number of NO contacts / for auxiliary contacts		0
 suspension pushbutton pressure selection button front element suspension switch tem designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 	Number of change-over switches / for auxiliary contacts		0
pressure selection button front element suspension switch Item designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Yes Yes Yes Yes	Suitability for integration		front element
• front element • suspension switch Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Yes S	• suspension pushbutton		Yes
suspension switch Item designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S S	pressure selection button		Yes
Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S S	• front element		Yes
according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S	• suspension switch		Yes
to IEC 750	Item designation		
• according to DIN EN 61346-2			S
	according to DIN EN 61346-2		S

Mechanical design:				
Design of the electrical connection		spring-loaded terminals		
Operating cycles / maximum	1/h	1,000		
Electrical operating cycles as operating time / with contactors 3RT1015 to 3RT1026 / typical		100,000,000		
Mechanical operating cycles as operating time / typical		10,000,000		
Protection class IP		IP20		

protection class IP / of the housing		IP40
Type of mounting		front mounting
Product component		
fluorescent materials		No
• diode		No
• series resistance		No
lamp transformer		No
Width	mm	10
Height	mm	30
Depth	mm	26.6

Connections:

Type of the connectable conductor cross-section

- for auxiliary contacts
 - solid
 - finely stranded
 - without conductor final cutting
 - with conductor end processing
- for AWG conductors / for auxiliary contacts

2x (0.25 ... 1.5 mm2)

2x (0.25 ... 1.5 mm2)

2x (0.25 ... 0.75 mm2)

2x (24 ... 16)

Ambient conditions:

Ambient temperature

• during operating

°C

-25 ... 70

General Product Approval

CQC



ROSTEST



Manufacturer

Test Certificates

other

Manufacturer

VDE

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

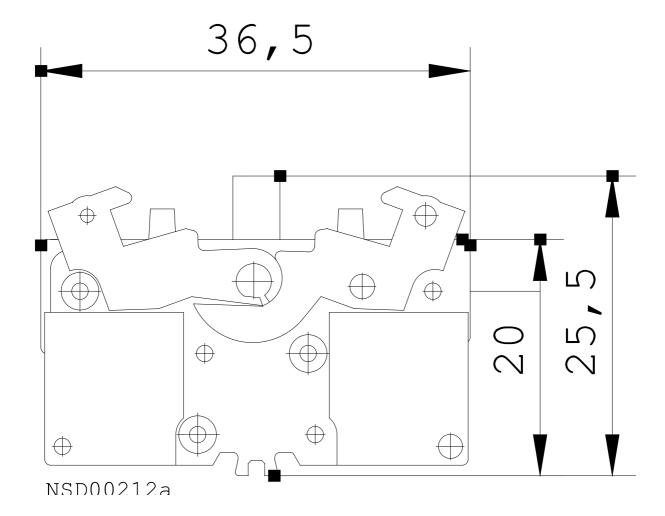
http://www.siemens.com/cax

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

http://support.automation.siemens.com/WW/view/en/3SB3403-0C/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3403-0C}}$



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