SIEMENS

Product data sheet 3SB3400-0M



CONTACT BLOC WITH 1 CONTACT 1NC FOR FRONT PLATE MOUNTING;
W. MOUNTING MONITORING CONTACT SCREW TERMINAL,
YELLOW

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	А	10		
Contact reliability		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 18 V • at 110 V • at 230 V A 0.7 • 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 • 1 / at 60 Hz / for AC / rated value • at 60 Hz / at AC • rated value • v 0 5 400 Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact Number of change-over switches / for auxiliary contact Number of change-over switches / for auxiliary contact • ressure selection button • pressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • front element • suspension button • ressure selection button • respension button	• at 48 V	А	5
• at DC-13 • 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 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 • r	• 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 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 300 Number of NC contacts / for auxiliary contact Number of NO contacts /	• 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 T 1 • rated value V 5 300 Number of NC contacts / for auxiliary contact V 5 300 Number of NC contacts / for auxiliary contact 0 0 Number of change-over switches / for auxiliary contact 0 0 Suitability for integration Yes Yes • pressure selection button Yes Yes • suspension button Yes Yes • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 S	• 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 V 24 • 1/ for DC / rated value V 5 230 • rated value V 400 • 1/ at 50 Hz / for AC / rated value V 5 400 • 1/ at 60 Hz / for AC / rated value V 5 400 • 1/ at 60 Hz / for AC / rated value V 5 300 • rated value V 5 300 • Image: A color of the contacts / for auxiliary contact V 5 300 • Image: A color of the contacts / for auxiliary contact 0 0 • Turber of NO contacts / for auxiliary contact 0 0 • Suitability for integration Yes Yes • pressure selection button Yes Yes • suspension button Yes Yes • suspension button Yes 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	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 • rated value	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 • v 5 300 Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button 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 300 In the state of NC contacts / for auxiliary contact Number of NC contacts / for auxiliary contact Number of change-over switches / for auxiliary contact Output Suitability for integration • suspension button • pressure selection button • front element • suspension button • front element • suspension button • front element • suspension button • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 V 5 230 V 5 400 V 5 300 Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 V 5 400 V 7 400 V 7 40	• 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 • 5 400 Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 **V 400 5 400 5 400 1 1 **V 5 300 front element 9 Yes Yes Yes S S S	• for DC		
at 50 Hz / at AC in rated value 1/ 5 400 1/ at 60 Hz / for AC / rated value 2/ 300 at 60 Hz / at AC in rated value V 5 300 Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration is suspension button is pressure selection button if ront element if yes if ront element if yes tem designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Text 400 V 5 400 V 5 400 400 V 6 400 V 6 400 V 7 8 400 V 7 8 400 V 8 400 V 9 8 400	• 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 contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 **Yes** Suitability for integration Suitability for integration Yes Suitability for integration	• 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 contact Number of NO contacts / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 • 300 5 300 1 1 Contacts / for auxiliary contact 0 Front element Yes Yes Yes Selection button	• at 50 Hz / at AC		
• at 60 Hz / at AC • rated value V 5 300 Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button • front element • suspension button • 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 contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact Suitability for integration • suspension button • pressure selection button • front element • suspension button • front element • suspension button • front element • suspension button • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Sumber of NC contacts / for auxiliary contact 1 0 V 5 300 1 V 5 300 S S S S S S S S S S S S	• 1 / at 60 Hz / for AC / rated value	V	300
Number of NC contacts / for auxiliary contact Number of NO contacts / for auxiliary contact Number of change-over switches / for auxiliary contact O Suitability for integration • suspension button • pressure selection button • front element • suspension button • front element • suspension button • 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 contact Number of change-over switches / for auxiliary contact Suitability for integration • suspension button • pressure selection button • front element • front element • suspension button • front element • ressure selection button • front element • suspension button • suspension button • suspension button Suspension button • suspension button • suspension button • suspension button • 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 contact Suitability for integration • suspension button • pressure selection button • front element • front element • suspension button • suspension button • suspension button • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750	Number of NC contacts / for auxiliary contact		1
Suitability for integration • suspension button • pressure selection button • front element • pressure selection button • front element • suspension button Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 front element Yes Yes Yes	Number of NO contacts / for auxiliary contact		0
* suspension button * pressure selection button * front element * suspension button Item designation * according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 **Test * Suspension button Suspension button **Test * Suspension button	Number of change-over switches / for auxiliary contact		0
pressure selection button front element suspension button Item designation according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Yes S S S S S S S S S S S S S	Suitability for integration		front element
• front element • suspension button Item designation • according to DIN 40719 extendable after IEC 204-2 / according to IEC 750 Yes S	• suspension button		Yes
suspension button Yes 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 button		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		screw-type terminals		
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		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	36.5
Depth	mm	63

Connections:

Type of connectable conductor cross section

for auxiliary contacts

• solid

with wire end processing

• finely stranded

• with wire end processing

• for AWG conductors / for auxiliary contacts

2x (1 ... 1.5 mm2)

2x (0.5 ... 0.75 mm2)

2x (0.5 ... 1.5 mm2)

2x (18 ... 14)

Ambient conditions:

Ambient temperature

• during the operating phase

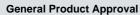
°C

70 ... -25

Certificates/approvals:

Verification of suitability

CSA / UL / CCC



other





Manufacturer

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

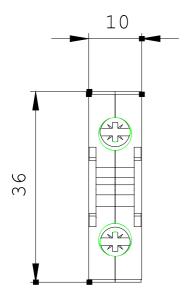
http://www.siemens.com/cax

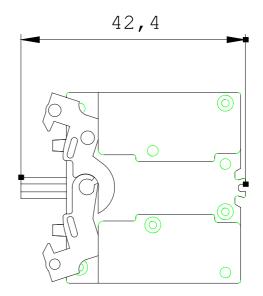
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SB3400-0M/all

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

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





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