SIEMENS

Product data sheet 3SB3803-0DD3



ENCLOSED PUSHBUTTON, C=INDICATOR LIGHT YELLOW,BASE MOUNT.LED B=BUTTON GREEN, LABELED PLATE "I", A=BUTTON RED, LABELED PLATE "O",IP65, BA 9S, 1NO, 1NC,

Enclosure:	
Design of the enclosure	Enclosure for command and signaling devices with standard equipment
Material / of the enclosure	plastic
Color / of top part of the enclosure	grey
Number of Command Points	3
Product component / protective collar	No
Form / of the enclosure front	rectangular
Design of electrical connection / on enclosure	Cable routing above and below, both 1 x M20
Mounting type / of enclosure	Vertical
Product function / EMERGENCY STOP function	No

Actuato/ signaling device:			
Design of the operating mechanism	Pushbutton / indicator light		
Assembling of the commanding and signaling device	A = Pushbutton / B = Pushbutton / C = Indicator light		
Number of mushroom pushbuttons	0		
Number of indicator lights	1		
Number of pushbuttons	2		
Number of key-operated switches	0		
Color / of the activation element	A = red / B = green / C = yellow		
Material / of the activation element	plastic		

Product component / front ring	Yes		
Material / of the front ring	plastic		
Color / of the front ring	black		
Type of unlocking device	without		
Holder:			
Material / of the holder	Plastic		
Contact block/ lampholder:			
Number of switching elements	2		
Number of NC contacts / for auxiliary contacts	1		
Number of NO contacts / for auxiliary contacts	1		
Number of changeover contacts / for auxiliary contacts	0		
Product function / positive opening	Yes		
Number of lampholders	1		
Execution of the mounting	BA 9s with LED		
Mounting type / of contact blocks, socket, and accessories	Floor mounting		
Design of electrical connection / of contact blocks, socket, and accessories	Screw-type terminal		
Product component / fluorescent materials	Yes		
Product extension / optional / fluorescent materials	No		
Accessories:			
Number of backing plates	0		
Number of labeling plates	2		
Labeling / of the name plate for command devices	A = O / B = I		
Color / of labeling plate	Black		
Product component / holder for 3 switching elements	No		
General technical details:			
Voltage type / of operating voltage	AC/DC		
Operating voltage			
/ DO			

General technical details:				
Voltage type / of operating voltage		AC/DC		
Operating voltage				
• for DC				
• rated value	V	5 230		
• 1 / for DC / rated value	V	230		
• at 50 Hz / at AC				
• rated value	V	5 400		
• 1 / at 50 Hz / for AC / rated value	V	400		
• at 60 Hz / at AC				
• rated value	V	5 300		
• 1 / at 60 Hz / for AC / rated value	V	300		

Name			
- at 24 V / rated value - at 48 V / rated value - at 110 V / rated value - at 230 V / rated value - at 230 V / rated value - at 24 V / rated value - at 230 V / rated value - at 230 V / rated value - at 110 V / rated value - at 230 V / rated value - at 24 V / rated value - at 110 V / rated value - at 30 V / rated value - at 24 V / rated value - at 25 V / rated value - at 25 V / rated value - at 25 V / rated value - at 20 V / rated value - at 30 V / rated v	Operating current		
- at 48 V / rated value - at 110 V / rated value - at 230 V / rated value - at 400 V / rated value - at 48 V / rated value - at 490 V / rated value - at 400 V / rated value - at 320 V / rated value - at 400 V / rated value - at 48 V / rated value - at 48 V / rated value - at 48 V / rated value - at 24 V / rated value - at 30 V / rated value - at 110 V / rated value - at 230 V / rated value - at 250 V / rated value - at 50 Hz / for AC / rated value - at 50 Hz / for AC / rated value - at 50 Hz / for AC / rated value - at 50 Hz / for AC / rated value - for DC / rated	• at AC-12		
• at 110 V / rated value A 10 • at 230 V / rated value A 10 • at 400 V / rated value A 10 • at 440 V / rated value A 6 • at 24 V / rated value A 6 • at 230 V / rated value A 6 • at 230 V / rated value A 6 • at 240 V / rated value A 5 • at 24 V / rated value A 5 • at 110 V / rated value A 5 • at 1230 V / rated value A 1 • at 24 V / rated value A 15 • at 24 V / rated value A 15 • at 348 V / rated value A 1 • at 250 V / rated value A 1 • at 10 V / rated value A 3 • at 110 V / rated value A 0.7 • at 50 Hz / for AC / rated value A 0.7 • at 50 Hz / for AC / rated value V 230 • at 60 Hz / for AC / rated value V 230 • at 60	• at 24 V / rated value	Α	10
• at 230 V / rated value • at 400 V / rated value • at 400 V / rated value • at AC-15 • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 110 V / rated value • at 110 V / rated value • at 400 V / rated value • at 48 V / rated value • at 110 V / rated value • at 24 V / rated value • at 110 V / rated value • at 300 V / rated value • at 110 V / rated value • at 300 V / rated value • at 110 V / rated value • at 230 V / rated value • at 24 V / rated value • at 24 V / rated value • at 220 V / rated value • at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • at 60 Hz / for AC / rated value • of DC / rated value •	• at 48 V / rated value	Α	10
• at 400 V / rated value • at AC-15 • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 110 V / rated value • at 110 V / rated value • at 230 V / rated value • at 300 V / rated value • at 300 V / rated value • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 30 V / rated value • at 110 V / rated value • at 24 V / rated value • at 20 V / rated value • at 30 V / rated value • at 80 V / rated value • at 80 V / rated value • at 300 V / rated value • at 300 V / rated value • at 300 V / rated value • at 60 Hz / for AC / rated value • or Obtage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material • at 60 Hz / for AC / rated value • for DC / rated value • for DC / rated value • v 230 Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2	• at 110 V / rated value	Α	10
• at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 100 V / rated value • at 230 V / rated value • at 230 V / rated value • at 400 V / rated value • at 400 V / rated value • at 400 V / rated value • at 24 V / rated value • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 110 V / rated value • at 110 V / rated value • at 230 V / rated value • at 230 V / rated value • at 24 V / rated value • at 230 V / rated value • at 110 V / rated value • at 110 V / rated value • at 330 V / rated value • at 330 V / rated value • at 110 V / rated value • at 110 V / rated value • at 81 V / rated value • at 110 V / rated value • at 110 V / rated value • at 110 V / rated value • at 300 V / rated value • value • at 24 V / rated value • value • at 100 V / rated value • value	• at 230 V / rated value	Α	10
* at 24 V / rated value	• at 400 V / rated value	Α	10
* at 48 V / rated value	• at AC-15		
* at 110 V / rated value	• at 24 V / rated value	Α	6
• at 230 V / rated value • at 400 V / rated value • at DC-12 • at 24 V / rated value • at 8 V / rated value • at 110 V / rated value • at 110 V / rated value • at 230 V / rated value • at 230 V / rated value • at 24 V / rated value • at 25 A • 1 • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 30 V / rated value • at 230 V / rated value • at 230 V / rated value • at 230 V / rated value • at 60 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value • for devices without incandescent lamp / according to IEC 60068-2-2 Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 48 V / rated value	Α	6
* at 400 V / rated value	• at 110 V / rated value	Α	6
• at DC-12 • at 24 V / rated value • at 48 V / rated value • at 110 V / rated value • at 230 V / rated value • at 220 V / rated value • at 24 V / rated value • at 24 V / rated value • at 24 V / rated value • at 48 V / rated value • at 48 V / rated value • at 48 V / rated value • at 110 V / rated value • at 110 V / rated value • at 230 V / rated value • at 230 V / rated value • at 20 V / rated value • at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value • for DC / rated value • for DC / rated value • for Quick of the free wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 230 V / rated value	А	6
* at 24 V / rated value * at 48 V / rated value * at 110 V / rated value * at 230 V / rated value * at 230 V / rated value * at 24 V / rated value * at 24 V / rated value * at 48 V / rated value * at 48 V / rated value * at 48 V / rated value * at 110 V / rated value * at 110 V / rated value * at 230 V / rated value * at 50 Hz / for AC / rated value * of O DC / rated value *	• at 400 V / rated value	А	3
*at 48 V / rated value *at 110 V / rated value *at 230 V / rated value *at 230 V / rated value *at DC-13 *at 24 V / rated value *at 48 V / rated value *at 48 V / rated value *at 110 V / rated value *at 30 V / rated value *at 230 V / rated value *at 50 Hz / for AC / rated value *at 60 Hz / for AC / rated value *for DC / rated value *belivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock *for devices without incandescent lamp / according to IEC 60068-2-6 Reference code *according to DIN EN 61346-2 *according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 *A	• at DC-12		
* at 110 V / rated value * at 230 V / rated value * at 230 V / rated value * at 24 V / rated value * at 24 V / rated value * at 48 V / rated value * at 110 V / rated value * at 110 V / rated value * at 230 V / rated value * at 50 Hz / for AC / rated value * at 50 Hz / for AC / rated value * at 60 Hz / for AC / rated value * or	• at 24 V / rated value	Α	10
• at 230 V / rated value A 1 • at DC-13 A 3 • at 48 V / rated value A 1.5 • at 110 V / rated value A 0.7 • at 230 V / rated value A 0.3 Type of voltage / of the supply voltage / of light source Supply voltage / 1/ of the fluorescent material A C/DC • at 50 Hz / for AC / rated value V 230 • at 60 Hz / for AC / rated value V 230 • for DC / rated value V 230 Product component / stand/pedestal No Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-6 <= 50g	• at 48 V / rated value	Α	5
* at DC-13 * at 24 V / rated value * at 48 V / rated value * at 110 V / rated value * at 110 V / rated value * at 230 V / rated value * at 230 V / rated value * at 230 V / rated value * A	• at 110 V / rated value	Α	2.5
 at 24 V / rated value at 48 V / rated value at 110 V / rated value at 230 V / rated value A 0.3 Type of voltage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material at 50 Hz / for AC / rated value v 230 tof DC / rated value v 230 Polivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code according to DIN EN 61346-2 according to DIN M 0719 extended according to IEC 204-2 / according to IEC 750 S S S S S 	• at 230 V / rated value	Α	1
 at 48 V / rated value at 110 V / rated value at 230 V / rated value A 0.7 at 230 V / rated value A 0.3 Type of voltage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material at 50 Hz / for AC / rated value at 60 Hz / for AC / rated value for DC / rated value v 230 Polivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S S S S S S S S S S S S	• at DC-13		
 at 110 V / rated value at 230 V / rated value A 0.3 Type of voltage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material at 50 Hz / for AC / rated value of the V 230 of DC / rated value of DC / rated value v 230 belivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock of or devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 	• at 24 V / rated value	Α	3
• at 230 V / rated value Type of voltage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material • at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value V 230 Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 48 V / rated value	Α	1.5
Type of voltage / of the supply voltage / of light source Supply voltage / 1 / of the fluorescent material • at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value V 230 Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 110 V / rated value	Α	0.7
Supply voltage / 1 / of the fluorescent material • at 50 Hz / for AC / rated value • at 60 Hz / for AC / rated value • for DC / rated value • for DC / rated value V 230 Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Peference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 230 V / rated value	Α	0.3
 at 50 Hz / for AC / rated value at 60 Hz / for AC / rated value for DC / rated value 230 for DC / rated value V 230 Delivery state / pre-wired on strip terminal No Product component / stand/pedestal Resistance against shock for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 	Type of voltage / of the supply voltage / of light source		AC/DC
• at 60 Hz / for AC / rated value • for DC / rated value V 230 Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 V 230 No V 230 No S = 50g S = 50g S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S S = S	Supply voltage / 1 / of the fluorescent material		
• for DC / rated value Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 V 230 No No 2 = 50g 2 = 200 Hz: 5g S S	• at 50 Hz / for AC / rated value	V	230
Delivery state / pre-wired on strip terminal Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068- 2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• at 60 Hz / for AC / rated value	V	230
Product component / stand/pedestal Resistance against shock • for devices without incandescent lamp / according to IEC 60068- 2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750	• for DC / rated value	V	230
Resistance against shock • for devices without incandescent lamp / according to IEC 60068- 2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S • according to IEC 750	Delivery state / pre-wired on strip terminal		No
• for devices without incandescent lamp / according to IEC 60068- 2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 • for devices without incandescent lamp / according to IEC 60068-2-6 20 200 Hz: 5g S S S	Product component / stand/pedestal		No
2-27 Resistance against vibration / according to IEC 60068-2-6 Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S	Resistance against shock		
Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S			<= 50g
according to DIN EN 61346-2 according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S	Resistance against vibration / according to IEC 60068-2-6		20 200 Hz: 5g
according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 S S	Reference code		
according to IEC 750	according to DIN EN 61346-2		S
Tightening torque / of the screws in the bracket / maximum N·m 1			S
	Tightening torque / of the screws in the bracket / maximum	N·m	1

during operating	°C	-25 +60
during storage	°C	-40 +80
Protection class IP		IP65
climatic class / during the operating phase / according to EN 60721		3K6
Shape / of the installation hole		round
Mounting diameter	mm	22
Width	mm	85
Height	mm	154
Depth	mm	64

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates









Special Test Certificate

Confirmation

Shipping Approval









other

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/3SB3803-0DD3/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3803-0DD3

last change: Jul 7, 2014