SIEMENS

Data sheet 3SB3863-4BA

TWO-HAND OPERATION CONSOLE FOR CONTROL DEVICES, 22MM, ROUND, ENCLOSURE MATERIAL METAL, ENCLOSURE TOP PART GRAY, 3 COMMAND POINTS, 4 ADDITIONAL DRILL HOLES FOR 22 MM CONTROL DEVICES



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Enclosure:	
Design of the housing	Two-hand operation console
Shape of the enclosure front	rectangular
Material of the enclosure	metal
Number of control points	3
Product component	
 protective collar 	Yes
Color	
 of top part of the enclosure 	grey
Delivery state	
● as a kit	No
 pre-wired on strip terminal 	No
Mounting type of the enclosure	Horizontal

Actuator:	
Design of the operating mechanism	Emergency stop mushroom pushbutton / mushroom pushbutton
Product feature	
• lockout	No
Product expansion optional Light source	Yes
Color	
 of the actuating element 	A = black / B = red / C = black
Material of the actuating element	metal
Type of unlocking device	A = none / B = rotate to unlock / C = none

Front ring:	
Product component front ring	Yes

Material of the front ring	metal
Color of the front ring	silver
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Holder:	
Material of the holder	Metal
Contact block/ lampholder:	
Number of switching elements	5
General technical data:	
Product function	
positive opening	Yes
 EMERGENCY OFF function 	Yes
 EMERGENCY STOP function 	Yes
Product component	
• Light source	No
 Stand/pedestal 	No
Type of voltage	
of the operating voltage	AC/DC
Vibration resistance	
• acc. to IEC 60068-2-6	20 200 Hz: 5g
Protection class IP	IP65
Equipment marking	
 acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 	S
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
Operating voltage	
• with AC	
— at 50 Hz Rated value	400 V
— at 60 Hz Rated value	5 300 V
● for DC Rated value	
— maximum	230 V
— minimum	5 V
Operating voltage 1	
• with AC	
— at 50 Hz Rated value	400 V
— at 60 Hz Rated value	300 V
• for DC Rated value	230 V
Auxiliary circuit:	
Number of NC contacts	
• for auxiliary contacts	4
Number of NO contacts	
• for auxiliary contacts	2

Number of CO contacts	
• for auxiliary contacts	0
Operating current at AC-12	
• at 24 V Rated value	10 A
• at 48 V Rated value	10 A
• at 110 V Rated value	10 A
• at 230 V Rated value	10 A
• at 400 V Rated value	10 A
Operating current at AC-15	
• at 230 V Rated value	6 A
• at 400 V Rated value	3 A
Connections/ Terminals:	
Type of electrical connection on enclosure	Cable routing above and below, both 1 x M20
Safety related data:	
B10 value with high demand rate acc. to SN 31920	100 000
Proportion of dangerous failures	
 with low demand rate acc. to SN 31920 	20 %
• with high demand rate acc. to SN 31920	20 %
T1 value for proof test interval or service life acc. to	20 y
IEC 61508	
Ambient conditions:	
Ambient temperature	
during operation	-25 +70 °C
during storage	-40 +80 °C
Installation/ mounting/ dimensions:	
Mounting type	
 of contact blocks, socket, and accessories 	Front mounting
Height	469 mm
Width	137 mm
Depth	185 mm
Shape of the installation opening	round
Mounting diameter	22 mm
Accessories:	
Number of labels	0
Number of backing plates	1
Marking of backing plate	EMERGENCY-STOP
Color of backing plate	Yellow
Product component holder for 3 switching elements	No
Certificates/ approvals:	

General Product Approval	Declaration of Conformity	Test Certificates	Shipping Approval	other	
ERE	C E EG-Konf.	Special Test Certificate	JÅ DNV DNV	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/industrymall

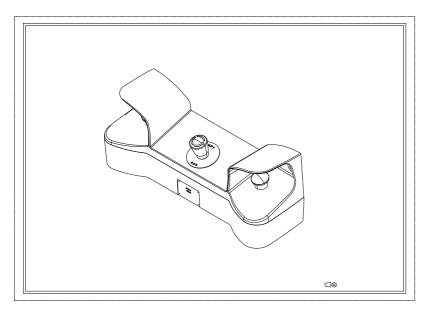
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB38634BA

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

https://support.industry.siemens.com/cs/ww/en/ps/3SB38634BA

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB38634BA&lang=en



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