SIEMENS

Product data sheet 3SB3000-4RD21

22MM PLASTIC ROUND ACTUATOR: CES KEY-OPER.SWITCH WITH 2 KEYS 3 SWITCH POSITIONS I-O-II LEFT LATCH.,RI.MOMEN.CONT.TYPE LOCK NO SSG 10, REMOVAL POS. I WITH HOLDER

Actuator:		
Design of the product		Single device round
Design of the operating mechanism		Key-operated switch
Functionality / of the actuator		Latching (left), momentary contact (right)
Type of unlocking device		key unlatching
Color / of the activation element		Silver
Material / of the activation element		metal
Make of the lock		CES
Number of switching positions		3
Switch position for key distraction		I
Actuating angle		
• clockwise	°	50
• anticlockwise	°	50
Product component / front ring		Yes
Material / of the front ring		plastic
Color / of the front ring		black
Design of the front ring		Standard
Product function / EMERGENCY STOP function		No

Holder:

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Material / of the holder		Plastic

General technical data:

Resistance against shock		
• for devices without incandescent lamp / according to IEC 60068-2-27		<= 50g
Resistance against vibration / according to IEC 60068-2-6		20 ... 200 Hz: 5g
Operating cycles / maximum	1/h	1,000
Mechanical operating cycles as operating time / typical		300,000
Reference code		
• according to DIN EN 61346-2		S
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		S
Tightening torque / of the screws in the bracket / maximum	N·m	1
Ambient temperature		
• during operating	°C	-25 … +70
• during storage	°C	-40 … +80
Protection class IP		IP66
B10 value / with high demand rate / according to SN 31920		50,000
Proportion of dangerous failures / with high demand rate / according to SN 31920	%	20
Proportion of dangerous failures / with low demand rate / according to SN 31920	%	20
Failure rate [FIT] / with low demand rate / according to SN 31920	FIT	100
T1 value / for proof test interval or service life / according to IEC 61508	a	20
climatic class / during the operating phase / according to EN 60721		3K6
Mounting type		front mounting
Shape / of the installation hole		round
Installation width	mm	28.5
Mounting diameter	mm	22
Mounting height	mm	64
Mounting depth	mm	29

Certificates/ approvals:

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General Product Approval			Declaration of Conformity	Test Certificates
CSA	EAC	UL	EG-Konf.	Special Test Certificate
Shipping Approval				
ABS	DNV	LRS	PRS	RINA
other				
Confirmation	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/3SB3000-4RD21/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3000-4RD21

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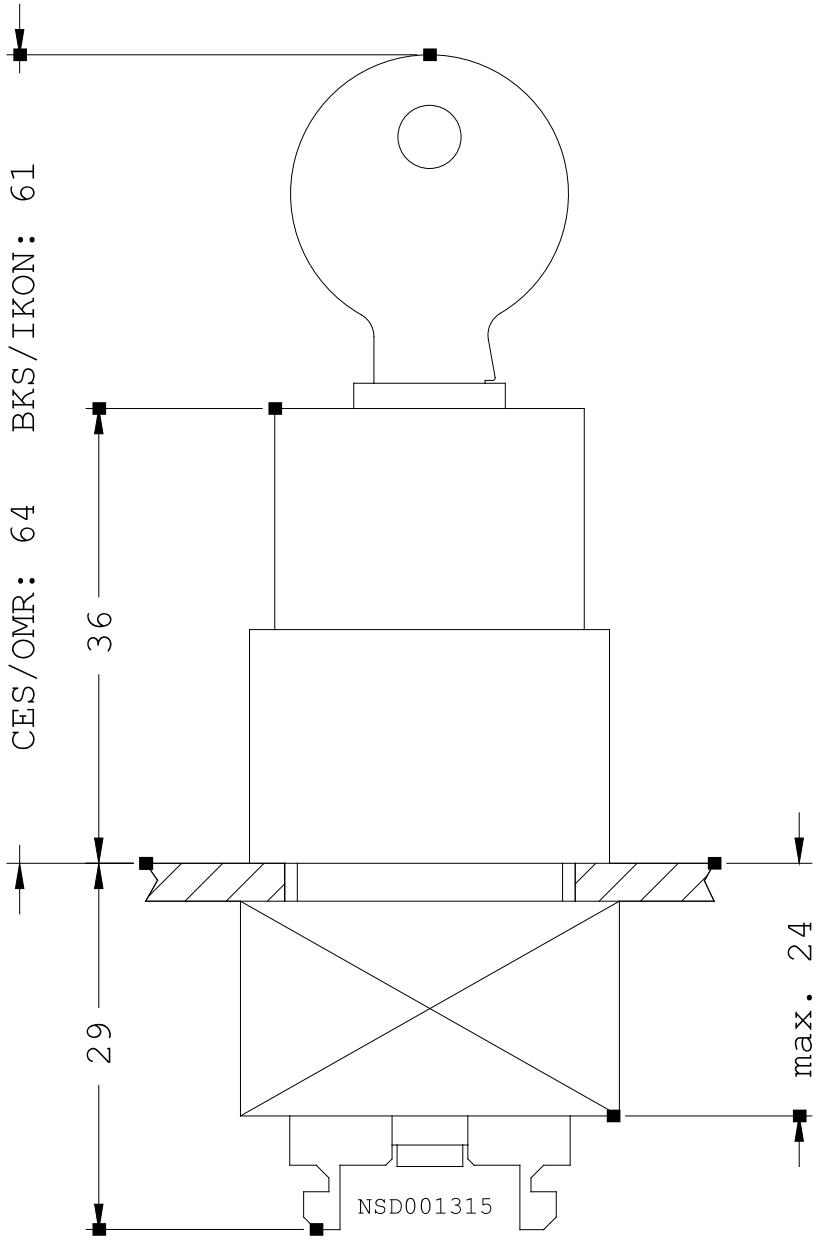

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