SIEMENS

Product data sheet 3SB3500-4LD21

22MM METAL ROUND ACTUATOR: CES KEY-OPER.SWITCH WITH 2 KEYS LATCHING 2 SWITCH POSITIONS O-I 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	
External diameter / of the activation element	mm	28.5	
Functionality / of the actuator		Latching	
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		2	
Switch position for key distraction		1	
Actuating angle			
• clockwise	o	50	
Product component / front ring		Yes	
Material / of the front ring		metal	
Color / of the front ring		silver	
Design of the front ring		Standard	
Product function / EMERGENCY STOP function		No	
Holder:			
Material / of the holder		Metal	
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	
Product extension / optional / fluorescent materials		No	
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		IP67
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
• 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	а	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:

General Product Approval

Declaration of Conformity

Test Certificates









Special Test Certificate

Shipping Approval











other

Confirmation

other

Environmental Confirmations

Further information:

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

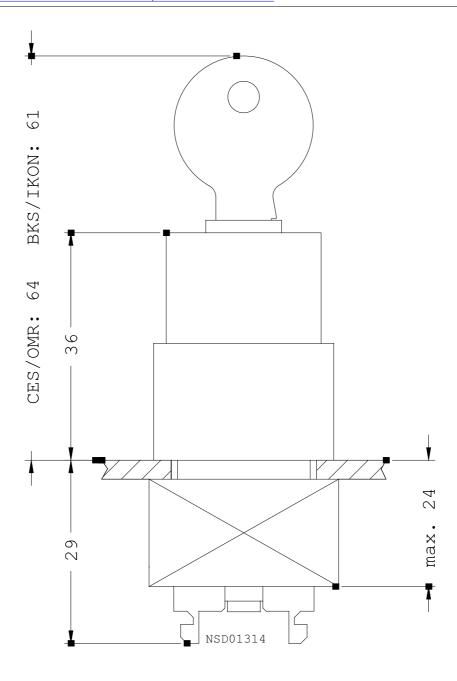
http://www.siemens.com/industrial-controls/mall

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

http://support.automation.siemens.com/WW/view/en/3SB3500-4LD21/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-4LD21



last change: Jul 7, 2014