SIEMENS

Product data sheet 3SB3500-4PF11



22MM METAL ROUND ACTUATOR: CES KEY-OPER.SWITCH WITH 2 KEYS LATCHING 3 SWITCH POSITIONS I-O-II LOCK NO LSG 1, REMOVAL POS. O 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		3
Switch position for key distraction		I-O-II
Actuating angle		
• clockwise	o	50
anticlockwise	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

Material / of the holder Metal Ceneral technical data: Resistance against shock for devices without incandescent lamp / according to IEC 60068-2-6 20 200 Hz; 5g 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 No Product extension / optional / fluorescent materials No 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 repair of the screws in the bracket / maximum Ambient temperature during operating during storage C -25 +70 during storage C -40 +80 Protection class IP IP67 So,000 with high demand rate / according to SN 31920 with high demand rate / according to SN 31920 with low demand rate / according to SN 31920 with low demand rate / according to SN 31920 Fill 100 T value / for proof test interval or service life / according to IEC 61508 a 20	Holder:			
Resistance against shock • for devices without incandescent lamp / according to IEC 60068-2-6 2-27 Resistance against vibration / according to IEC 60068-2-6 Operating cycles / maximum Mechanical operating cycles as operating time / typical Product extension / optional / fluorescent materials Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature • during operating • during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to IEC 3N 31920 Climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Installation width	Material / of the holder		Metal	
* for devices without incandescent lamp / according to IEC 60068-2-27 Resistance against vibration / according to IEC 60068-2-6 Operating cycles / maximum Mechanical operating cycles as operating time / typical Product extension / optional / fluorescent materials Reference code * according to DIN EN 61346-2 * according to DIN SEN 61346-2 * according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature * during operating * C -25 +70 * during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures * with high demand rate / according to SN 31920 * with low demand rate / according to SN 31920 * with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to IEC 60068-2-6 Climatic class / during the operating phase / according to EN 60721 Mounting type The interval of IEC 750 1/h 1,000 300,000 No * S * S * S * S * S * S * S *	General technical data:			
Resistance against vibration / according to IEC 60068-2-6 Operating cycles / maximum Mechanical operating cycles as operating time / typical Product extension / optional / fluorescent materials Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature • during operating • during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to IEC according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width 1/h 1,000 20 200 Hz: 5g 20	Resistance against shock			
Operating cycles / maximum Mechanical operating cycles as operating time / typical Product extension / optional / fluorescent materials Reference code • according to DIN EN 61346-2 • according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature • during operating • during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 * with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to EC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width 1,000 No No 300,000 No No No No 1 400 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$			<= 50g	
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Product extension / optional / fluorescent materials Reference code	Operating cycles / maximum	1/h	1,000	
Reference code * according to DIN EN 61346-2 * according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature * during operating * during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures * with high demand rate / according to SN 31920 * with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to EN 61508 Climatic class / during the operating phase / according to EN 60721 Mounting type Sasses Find the mounting front mounting front mounting Tound Installation width Sasses Sas	Mechanical operating cycles as operating time / typical		300,000	
* according to DIN EN 61346-2 * according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature * during operating * during storage * °C * -25 +70 * -40 +80 Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures * with high demand rate / according to SN 31920 * with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to EC 61508 Climatic class / during the operating phase / according to EN 60721 Mounting type Sape / of the installation hole Installation width Saccording to DIN 40719	Product extension / optional / fluorescent materials		No	
* according to DIN 40719 extended according to IEC 204-2 / according to IEC 750 Tightening torque / of the screws in the bracket / maximum Ambient temperature • during operating • during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Failure rate [FIT] for proof test interval or service life / according to IEC 61508 Climatic class / during the operating phase / according to EN 60721 Mounting type Shape / of the installation hole Installation width Shape / of the installation width N.m 1 1 1 1 1 1 1 1 1 1 1 1 1	Reference code			
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 during operating during storage C -25 +70 +0 +80 Protection class IP B10 value / with high demand rate / according to SN 31920 with high demand rate / according to SN 31920 with high demand rate / according to SN 31920 with low demand rate / according to SN 31920 with low demand rate / according to SN 31920 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 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width mm 28.5 	Tightening torque / of the screws in the bracket / maximum	N⋅m	1	
• during storage Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Fith 100 T1 value / for proof test interval or service life / according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width mm 28.5	Ambient temperature			
Protection class IP B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 * with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width Installation width	during operating	°C	-25 +70	
B10 value / with high demand rate / according to SN 31920 Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 Failure rate [FIT] / with low demand rate / according to SN 31920 Fill 100 T1 value / for proof test interval or service life / according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width mm 28.5	during storage	°C	-40 +80	
Proportion of dangerous failures • with high demand rate / according to SN 31920 • with low demand rate / according to SN 31920 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 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width mm 28.5	Protection class IP		IP67	
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• 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 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	Proportion of dangerous failures			
Failure rate [FIT] / with low demand rate / according to SN 31920 T1 value / for proof test interval or service life / according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width Installation width	with high demand rate / according to SN 31920	%	20	
T1 value / for proof test interval or service life / according to IEC 61508 climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width a 20 3K6 front mounting round 28.5	with low demand rate / according to SN 31920	%	20	
climatic class / during the operating phase / according to EN 60721 Mounting type front mounting Shape / of the installation hole Installation width mm 28.5	Failure rate [FIT] / with low demand rate / according to SN 31920	FIT	100	
Mounting type front mounting Shape / of the installation hole round Installation width mm 28.5		а	20	
Shape / of the installation hole round Installation width mm 28.5			3K6	
Installation width mm 28.5	Mounting type		front mounting	
	Shape / of the installation hole		round	
Mounting diameter mm 22	Installation width	mm	28.5	
	Mounting diameter	mm	22	
Mounting height mm 64	Mounting height	mm	64	
Mounting depth mm 29	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)

 $\underline{\text{http://www.siemens.com/industrial-controls/mall}}$

Cax online generator

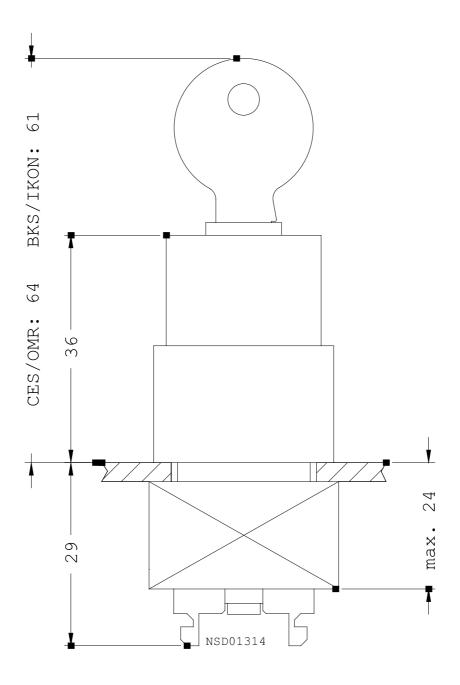
http://www.siemens.com/cax

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

http://support.automation.siemens.com/WW/view/en/3SB3500-4PF11/all

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SB3500-4PF11}$



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