## **SIEMENS**

Data sheet 3SB3500-4SD61



22MM METAL ROUND ACTUATOR: CES KEY-OPER.SWITCH WITH 2 KEYS RIGHT LATCH.,LE.MOMEN.CONT.TYPE 3 SWITCH POSITIONS I-O-II LOCK NO SSG 10, REM. POS. O+II WITH HOLDER !!! Phased-out product !!! SIRIUS ACT 3SU1 is successor Preferred successor type is >>3SU1050-5BP61-0AA0 +

Figure similar

Enclosure number of command points  Actuator  design of the actuating element principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element material of the actuating element cuter diameter of the actuating element ype of unlocking device number of switching positions switch position for key distraction actuating angle clockwise clockwise clockwise enticlockwise front ring product component front ring design of the front ring material of the nolder color of the front ring material of the holder General technical data product function  EMERGENCY OFF function No protection class IP vibration resistance according to IEC 81088-2 - 6 operating frequency maximum necloruse of the screws in the bracket Sidy rolated data B10 value with high demand rate according to SN 31920 proportion of dangerous fallures  B10 value with high demand rate according to SN 31920 proportion of dangerous fallures  Sidy rolated data B10 value with high demand rate according to SN 31920 proportion of dangerous fallures	design of the product	Single device round
design of the actuating element Key-operated switch principle of operation of the actuating element Momentary contact (left), latching (right) product exfension optional light source No color of the actuating element silver material of the actuating element metal outer diameter of the actuating element 28.5 mm type of unlocking device key unlatching number of switching positions 3 switch position for key distraction OHI actuating angle clockwise 50° lock make Front ring Standard material of the front ring Standard material of the front ring silver material of the holder Metal Standard material of the holder Metal Standard Metal School Standard Metal School Sc	Enclosure	
design of the actuating element principle of operation of the actuating element Momentary contact (left), latching (right) principle of operation of the actuating element No color of the actuating element sliver material of the actuating element wetland outer diameter of the actuating element 28.5 mm type of unlocking device key unlatching number of switching positions 3 switch position for key distraction O+II actuating angle clockwise 50° anticlockwise 50° anticlockwise 50° anticlockwise 50° anticlockwise 50° anticlockwise 150° anticlock	number of command points	1
principle of operation of the actuating element product extension optional light source color of the actuating element material of the actuating element type of unlocking device number of switching positions switch position for key distraction actuating angle clockwise clockwise enanticlockwise front ring product component front ring material of the front ring material of the foot ring material of the color of the col	Actuator	
product extension optional light source color of the actuating element material of the actuating element outer diameter of the actuating element type of unlocking device number of switching positions switch position for key distraction actuating angle oclockwise of clockwise official color clockwise official clockwi	design of the actuating element	Key-operated switch
color of the actuating element metal metal metal outer diameter of the actuating element 28.5 mm type of unlocking device key unlatching number of switching positions 3 switch position for key distraction O+II actuating angle clockwise 50° clockwise 50° clockwise 50° clockwise 650° clockwis	principle of operation of the actuating element	Momentary contact (left), latching (right)
material of the actuating element  outer diameter of the actuating element  type of unlocking device key unlatching number of switching positions  switch position for key distraction  actuating angle  • clockwise • anticlockwise • anticlockwise • on ticlockwise  front ring  product component front ring  design of the front ring material of the front ring material of the front ring material of the holder  General technical data  product function • EMERGENCY OFF function • EMERGENCY STOP function No protection class IP vibration resistance according to IEC 60068-2-6 operating frequency maximum mechanical service life (operating cycles) typical reference code according to IEC 631346-2 Substance Prohibitance (Date)  Connections/ Terminals tightening torque of the screws in the bracket B10 value with high demand rate according to SN 31920  50 000	product extension optional light source	No
outer diameter of the actuating element     28.5 mm       type of unlocking device     key unlatching       number of switching positions     3       switch position for key distraction     O+II       actuating angle     50°       e clockwise     50°       lock make     CES       Front ring     Yes       product component front ring     Yes       design of the front ring     Standard       material of the front ring     metal       color of the front ring     silver       Holder     Metal       General technical data     Forest technical data       product function     No       e EMERGENCY STOP function     No       e EMERGENCY STOP function     No       vibration resistance according to IEC 60068-2-6     20 200 Hz: 5g       operating frequency maximum     1 000 1/h       mechanical service life (operating cycles) typical     300 000       reference code according to IEC 81346-2     S       Substance Prohibitance (Date)     07/01/2006       Connections/ Torminals     1.4 1.6 N·m       Bafety related data       B10 value with high demand rate according to SN 31920     50 000	color of the actuating element	silver
type of unlocking device key unlatching number of switching positions 3 switch position for key distraction O+II actuating angle clockwise 50° so lock make CES Front ring Product component front ring Yes design of the front ring metal color of the front ring metal color of the front ring sliver Metal General technical data product function PEMERGENCY STOP function No eEMERGENCY STOP function No eEMERGENCY STOP function No protection class IP Vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1000 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) Connections/ Terminals tightening torque of the screws in the bracket 1.4 1.6 N·m Safety related data	material of the actuating element	metal
number of switching positions  switch position for key distraction  otular angle  otockwise  otockw	outer diameter of the actuating element	28.5 mm
switch position for key distraction actuating angle  • clockwise  • anticlockwise  • anticlockwise    50°   ock make   CES   Front ring   Front ring   Front ring   Front ring   Front ring   Front ring   Standard   Standa	type of unlocking device	key unlatching
actuating angle	number of switching positions	3
o clockwise     o anticlockwise     o 50°     o anticlockwise     lock make     CES  Front ring     product component front ring     design of the front ring     material of the front ring     color of the front ring     material of the holder  Metal  General technical data  product function     o EMERGENCY OFF function     o EMERGENCY STOP function     o EMERGENCY STOP function     or operating frequency maximum     operating frequency maximum     1 000 1/h     mechanical service life (operating cycles) typical     reference code according to IEC 81346-2     Substance Prohibitance (Date)  Connections/ Terminals  tightening forque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  50 000	switch position for key distraction	O+II
lock make CES  Front ring  product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver  Holder  material of the holder Metal  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP67  vibration resistance according to IEC 60068-2-6 20 200 Hz. 5g  operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date)  tightening torque of the screws in the bracket 1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920 50 000	actuating angle	
lock make CES  Front ring  product component front ring Yes  design of the front ring Standard  material of the front ring metal color of the front ring silver  Holder  material of the holder Metal  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY STOP function No • EMERGENCY STOP function No protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1.4 1.6 N·m Safety related data  B10 value with high demand rate according to SN 31920 50 000	• clockwise	50°
product component front ring Yes design of the front ring Standard material of the front ring metal color of the front ring silver  Holder material of the holder Metal  General technical data  product function  • EMERGENCY OFF function No • EMERGENCY STOP function No protection class IP IP67 vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g operating frequency maximum 1 000 1/h mechanical service life (operating cycles) typical 300 000 reference code according to IEC 81346-2 S Substance Prohibitiance (Date) 07/01/2006  Connections/ Terminals tightening torque of the screws in the bracket 1.4 1.6 N·m Safety related data B10 value with high demand rate according to SN 31920 50 000	anticlockwise	50°
product component front ring  design of the front ring  material of the front ring  metal  color of the front ring  material of the holder  material of the holder  Metal  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  B10 value with high demand rate according to SN 31920  50 000	lock make	CES
design of the front ring material of the front ring metal color of the front ring silver  Holder  material of the holder Metal  General technical data  product function  • EMERGENCY OFF function No  • EMERGENCY STOP function No  protection class IP IP67  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g  operating frequency maximum 1000 1/h  mechanical service life (operating cycles) typical 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920 50 000	Front ring	
material of the front ring silver  Holder  material of the holder Metal  General technical data  product function  • EMERGENCY OFF function No  • EMERGENCY STOP function No  protection class IP IP67  vibration resistance according to IEC 60068-2-6 20 200 Hz: 5g  operating frequency maximum 1 000 1/h  mechanical service life (operating cycles) typical 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920 50 000	product component front ring	Yes
color of the front ring  Holder  material of the holder  Metal  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  So Metal  Metal  No  No  100  No  100  100  100  100  1	design of the front ring	Standard
material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	material of the front ring	metal
material of the holder  General technical data  product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	color of the front ring	silver
product function  • EMERGENCY OFF function  • EMERGENCY STOP function  No  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  B10 value with high demand rate according to SN 31920  50 000	Holder	
product function  • EMERGENCY OFF function  • EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  No  No  No  No  No  No  No  No  No  N	material of the holder	Metal
● EMERGENCY OFF function  ● EMERGENCY STOP function  No  protection class IP  IP67  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	General technical data	
● EMERGENCY STOP function  protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	product function	
protection class IP  vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	<ul> <li>EMERGENCY OFF function</li> </ul>	No
vibration resistance according to IEC 60068-2-6  operating frequency maximum  1 000 1/h  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	EMERGENCY STOP function	No
operating frequency maximum  mechanical service life (operating cycles) typical  reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	protection class IP	IP67
mechanical service life (operating cycles) typical 300 000  reference code according to IEC 81346-2 S  Substance Prohibitance (Date) 07/01/2006  Connections/ Terminals  tightening torque of the screws in the bracket 1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920 50 000	vibration resistance according to IEC 60068-2-6	20 200 Hz: 5g
reference code according to IEC 81346-2  Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	operating frequency maximum	1 000 1/h
Substance Prohibitance (Date)  Connections/ Terminals  tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  50 000	mechanical service life (operating cycles) typical	300 000
tightening torque of the screws in the bracket  Safety related data  B10 value with high demand rate according to SN 31920  50 000	reference code according to IEC 81346-2	\$
tightening torque of the screws in the bracket  1.4 1.6 N·m  Safety related data  B10 value with high demand rate according to SN 31920  50 000	Substance Prohibitance (Date)	07/01/2006
Safety related data  B10 value with high demand rate according to SN 31920 50 000	Connections/ Terminals	
B10 value with high demand rate according to SN 31920 50 000	tightening torque of the screws in the bracket	1.4 1.6 N·m
	Safety related data	
proportion of dangerous failures	B10 value with high demand rate according to SN 31920	50 000
r · r· · · · · · · · · · · · · · · · ·	proportion of dangerous failures	

<ul> <li>with low demand rate according to SN 31920</li> </ul>	20 %
<ul> <li>with high demand rate according to SN 31920</li> </ul>	20 %
failure rate [FIT] with low demand rate according to SN 31920	100 FIT
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-25 +70 °C
during storage	-40 +80 °C
environmental category during operation according to IEC 60721	3K6
Installation/ mounting/ dimensions	
fastening method	front mounting
shape of the installation opening	round
mounting diameter	22 mm
mounting height	64 mm
installation width	28.5 mm
installation depth	29 mm
Certificates/ approvals	

**(P**)

**General Product Approval** 







Marine / Shipping





Marine / Shipping

other



Confirmation

**Miscellaneous** 

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3500-4SD61

Cax online generator

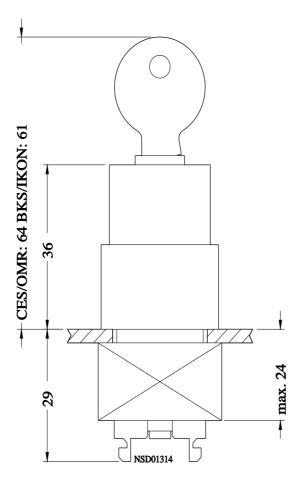
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3500-4SD61

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

https://support.industry.siemens.com/cs/ww/en/ps/3SB3500-4SD61

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SB3500-4SD61&lang=en



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