

ACTUATOR, SQUARE KEY OPERATED SWITCH, CES, O-I WITH
2 KEYS LATCHING ON THE RIGHT W/HOLDER LOCK NO. SSG
10, I Z= W/O HOLDER

Design of the product	Single device square
Enclosure:	
Number of command points	1
Actuator:	
Design of the operating mechanism	Key-operated switch
Manner of function of the actuating element	Latching
Product extension optional Light source	No
Color	
• of the actuating element	Silver
Material of the actuating element	metal
Type of unlocking device	key unlatching
Number of switching positions	2
Switch position for key distraction	I
Actuating angle	
• clockwise	50°
Lock make	CES
Front ring:	
Product component front ring	Yes
Design of the front ring	Standard
Material of the front ring	plastic
Color of the front ring	black
General technical data:	
Product function	
• EMERGENCY OFF function	No
• EMERGENCY STOP function	No
Protection class IP	IP66
Vibration resistance	
• acc. to IEC 60068-2-6	20 ... 200 Hz: 5g
Operating frequency maximum	1 000 1/h
Mechanical service life (switching cycles)	
• typical	300 000
Equipment marking	
• acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750	S

- acc. to DIN EN 61346-2
- acc. to DIN EN 81346-2

S
S

Safety related data:

B10 value	
• with high demand rate acc. to SN 31920	50 000
Proportion of dangerous failures	
• with low demand rate acc. to SN 31920	20 %
• with high demand rate acc. to SN 31920	20 %
Failure rate [FIT]	
• with low demand rate acc. to SN 31920	100 FIT
T1 value for proof test interval or service life acc. to IEC 61508	20 y

Ambient conditions:

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3K6

Installation/ mounting/ dimensions:

Mounting type	front mounting
Shape of the installation opening	square
Mounting height	64 mm
Installation width	30 mm
Installation depth	29 mm

Certificates/approvals

General Product Approval		Declaration of Conformity	Test Certificates	Shipping Approval
				
CSA	UL	EG-Konf.	spezielle Prüfbescheinigungen n	ABS

Shipping Approval				other	
				sonstig	Umweltbestätigung
DNV	LRS	PRS	RINA		

other
Bestätigungen

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SB3110-4LD21-Z B01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SB3110-4LD21-Z B01>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SB3110-4LD21-Z B01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SB3110-4LD21-Z B01&lang=en

last modified:

08/18/2016